

WBCS - 2019

Main

পরীক্ষার সমস্ত পেপারের

প্রশ্নপত্র

একটি পিডিএফের মধ্যে



2019

BENGALI LETTER WRITING, DRAFTING OF REPORTS, PRÉCIS WRITING,
COMPOSITION AND TRANSLATION

Time Allowed—5 Hours

Full Marks—200

If the questions attempted are in excess of the prescribed number, only the questions attempted first up to the prescribed number shall be valued and the remaining ones ignored.

যে কোনো একটি বিষয় সম্পর্কে আপনার অভিমত কোনো বাংলা দৈনিক পত্রিকার সম্পাদকের কাছে ১৫০ শব্দের মধ্যে পত্রাকারে বিবৃত করুনঃ (কোনার পরিবর্তে X, Y, Z লিখুন) 40

যুবসমাজে মোবাইল ফোনের অতিরিক্ত ব্যবহার ও তার কুফল

(গ) বর্তমানে বাংলায় নারীর অগ্রগতি

(গ) প্রবীণ নাগরিকদের নিঃসঙ্গতা ও অসহায়তা দূর করার জন্য সামাজিক উদ্যোগের প্রয়োজনীয়তা

2. নিম্নলিখিত বিষয় সম্পর্কে ২০০ শব্দের মধ্যে একটি সম্পাদকীয় প্রতিবেদন লিখুনঃ 40

বৈচিত্র্যের মধ্যে ঐক্যই ভারতীয় সংস্কৃতির প্রাণ

3. নিম্নলিখিত অংশের সারমর্ম লিখুনঃ 40

প্রথম যুগে একদিন পৃথিবী আপন তত্ত্ব নিশ্বাসের ব্যাধায় অবশুষ্টিত ছিল, তখন নিরাতি আকাশের গ্রহমণ্ডলীর মধ্যে আপন স্থান সে উপলব্ধি করতেই পারেনি। অবশেষে একদিন তার মধ্যে সৃষ্টিকরণ প্রবেশের পথ পেল। তখনই সেই মুক্তিতে আরম্ভ হল পৃথিবীর নৌরবের যুগ। তেমনিই একদিন আর্দ্র হৃদয়ালু তার ঘন বাষ্পাবরণ আমাদের মেয়েদের চিত্তকে অত্যন্ত কাছের সংসারে আবদ্ধ করে রেখেছিল। আজ তা ভেদ করে সেই আলোকরশ্মি প্রবেশ করেছে যা মুক্ত আকাশের, যা সর্বলোকের। বহু দিনের যে-সব সংসারজড়িতমাত্রালে তাদের চিত্ত আবদ্ধ বিজড়িত ছিল যদিও আজ তা সম্পূর্ণ কেটে যায়নি, তবু তার মধ্যে অনেকখানি ছেদ ঘটেছে। কতখানি যে, তা আমাদের মতো প্রাচীন বরস মাদের তারাই জানে।

আজ পৃথিবীর সর্বত্রই মেয়েরা ঘরের চৌকাঠ পেরিয়ে বিশ্বের উন্মুক্ত প্রান্তরে এসে দাঁড়িয়েছে।

10x4=40

অনুচ্ছেদটি পাঠ করে তার ভিত্তিতে নিম্নলিখিত প্রশ্নগুলির উত্তর দিনঃ

সকলভূমিতে ভীষণ ঝড় উঠলো, আমাদের হাঁটু পর্যন্ত বরফে ডুবে গেল। সে ঝড় আর থামবার নাম নেই, কুড়িদিন পর্যন্ত সমানভাবে চলে একদিন শেষরাতে আকাশ পরিষ্কার হল। পরদিন সকালটিতে অতি পরিষ্কার সূর্যোদয় দেখে আমরা ঝড় শুরু হল যে গত কুড়িদিনেও সে রকম উদ্দাম ঝড় ও বরফপাত আমরা দেখিনি। উপরের দিকে চেয়ে দেখি আকাশ তখনও নীল, মোঘের লেশও কোথাও নেই, অথচ আমাদের তাঁবুতে তখন এমন অবস্থা যে পাঁচ হাত দূরের জিনিস দেখা যায় না, ঝড়ে চূর্ণ তুষার উড়িয়ে এনে চারিধার আচ্ছন্ন করে ফেলেছে।

প্রায় মাইলটাক দূরে আমাদের উটগুলো চরছিলো। একজন লোক তখনি তাঁবু থেকে বেরিয়ে গিয়ে অতি কষ্টে সেগুলোকে তাঁবুতে নিয়ে এল, যদিও এধরনের বরফের ঝড়ের সময় ঘর ছেড়ে বাইরে বার হওয়া অত্যন্ত বিপজ্জনক, পথ হারিয়ে গেলে শীতে মৃত্যু নিশ্চিত। আসবার সময় সে লোকটা সোজা হয়ে দাঁড়িয়ে আসতে পারলে না, হাতে পায়ে হামাগুড়ি দিয়ে অতি কষ্টে তাঁবুতে পৌঁছালো, ঝড়ের এমন বেগ যে তার সামনে দাঁড়ানো যায় না। যখন সে তাঁবুতে এল,

Please Turn Over

তখন তার মুখে, বৃকে গলায় বরফ কঠিন হয়ে জমে গিয়েছে। আমরা বরফের মধ্যে একটা গর্ত করে সেখানে উটগুলোকে রেখে দিলাম। দেখতে দেখতে ঝড় তাদের উপর হাত দুই পুরু বরফ চাপা দিলে, তবুও ভয়ানক শীতের হাত থেকে কথঞ্চিৎ পরিত্রাণ পেলে তারা। আমাদের তাঁবুর ডবল কানভাসের ছাদ ফুঁড়ে বরফ এসে সূচের মত আমাদের নাকে মুখে বিধছিল আর সে কি ভয়ানক ঠাণ্ডা! সন্ধ্যার কিছু পরেই ঝড়টা যেমনি এসেছিল, তেমনি হঠাৎই থেমে গেল। নির্মল আকাশে জ্যোৎস্না উঠলো, চারিধারে কেমন একটা অদ্ভুত নিস্তব্ধতা। সাহস করে সে রাত্রে আমরা ঘুমোতে পারলাম না। সকালে উঠে দেখি যে তাঁবুতে বরফ জমে এমন অবস্থা হয়েছে যে সেটাকে গুটিয়ে নেবার উপায় নেই, অগত্যা সেই অবস্থাতেই সেটা উঠিয়ে উটের পিঠে চাপিয়ে রওনা হওয়া গেল।

(ক) “আমরা ভাবলাম আর ভাবনা নেই, বিপদ কেটেছে।”—এই বিপদের বর্ণনা দিন।

(খ) লেখকের ভাবনার অবসান কি সত্যিই হল? উত্তরের সপক্ষে যুক্তি দিন।

(গ) উটগুলো বিপদ থেকে কীভাবে রক্ষা পেল?

(ঘ) সন্ধ্যার পরে যা ঘটেছিল তা আপনার নিজের ভাষায় লিখুন।

5. নিম্নলিখিত অনুচ্ছেদটি বঙ্গানুবাদ করুন :

40

Our total environment influences our life and our way of living. The main elements of our environment are men, animals, plants, soil, air and water. There are relationships among these elements. When their relationships are disturbed, life becomes difficult and impossible. By keeping the environment safe man can ensure a healthier and happier life.

ENGLISH LETTER WRITING, DRAFTING OF REPORT, PRÉCIS WRITING,
COMPOSITION AND TRANSLATION.

Time Allowed — 3 Hours

Full Marks — 200

If the questions attempted are in excess of the prescribed number, only the questions attempted first up to the prescribed number shall be valued and the remaining ones ignored.

1. (a) Write a letter to the Editor of a newspaper expressing your views on the problems caused by the Mushrooming of unplanned buildings rapidly in the city. Also suggest some measures to arrest this problem. (Write the letter within 150 words and use X, Y, Z instead of name and address). 40

Or,

- (b) Write a letter to a friend living in another country, describing the initiatives taken by you to spread awareness regarding the benefits of planting trees. 40

2. Draft a report on the scarcity of availability of blood in blood banks as well as risks involved in buying blood from blood banks, despite celebrating 'Blood Donation Day/Week' with all pomp and show in almost every nook and corner of the city. 40

3. Write a composition on *any one* of the following topics: 40

(a) Involvement of the present generation with the Social Media: A Boon or a Bane?

(b) Global Warming and its impact on us.

(c) 'Fostering Reading Habits in Children is the need of the Day' - Give your views for or against the statement.

Write a précis of the following passage and add a suitable title: 35+5=40

The chief record of Wordsworth's College life is to be found in 'The Prelude'. Wordsworth did not distinguish himself as a scholar, and if his life had any incidents, they were of that interior kind which rarely appear in biography, though they may be of controlling influence upon the life. He speaks of reading Chaucer, Spenser and Milton while at Combridge, but no reflection from them is visible in his earliest published poems. The greater part of his vacations was spent in his native Lake-Country, where his only sister, Dorothy, was the companion of his rambles. She was a woman of large, natural endowments, chiefly of the receptive kind, and had much to do with the formation and tendency of the poet's mind. It was she who called forth the shyer sensibilities of his nature, and taught an originally harsh and austere imagination to surround itself with fancy and feeling, as the rock fringes itself with a sun-spray of ferns. Through the greater part of his life she continued to be a kind of poetical conscience to him.

Translate any one of the following passages into English.

- (a) কলকাতায় এসে বন্ধুদের সঙ্গে রেস্তোরাতে বিরিয়ানী খাওয়ার পরিকল্পনা করেছিলেন দিল্লীর যুবক আরমান আলি। কিন্তু, রেস্তোরা যাওয়ার আগে মনে মনে প্রশ্ন উকি মারল, রেস্তোরাতে হইল চেয়ার ঢোকান রাম্প আছে তো? আশঙ্কাই ঠিক প্রমাণিত হল। শহরের বহু নামী রেস্তোরাতে রাম্প নেই। আরমানের মত প্রতিবন্ধী যুবক বিভাস দাস শোনালেন পদে পদে ঠোকর খাওয়ার গল্প। পোলিওতে দুটি পা অক্রান্ত তার। সমাজের সচেতনতার অভাব কিন্তু এই যুবকদের দমিয়ে দেয়নি। শত বাধা অতিক্রম করে জীবনযুদ্ধে জিতেছেন ওঁরা। সেই জীবনযুদ্ধে নানা বাধা অতিক্রম করবার গল্প শোনালেন তাঁরা, আমেরিকান সেন্টারে। বিভাস জানালেন তিনি ক্রাচ নিয়ে সারা বিশ্ব ঘুরে বেড়ান, প্যারা-অলিম্পিকে হইল চেয়ার ফেনসিং-এ রূপে জিতেছেন। তিনি বলেন 'ক্রাচটা আমার কোন দুর্বলতা নয়, বরং শক্তি।' সমাজের কাছ থেকে তারা জানান, তারা কোনো দয়া চায় না, চায় আরেকটু সচেতনতা।
- (b) কলেজ স্কোয়ার শ্যামাচরণ দে স্ট্রীটে দেব লাইব্রেরীর ঘর জুড়ে সার সার বই। নানা লেখকের মধ্যে আলাদা করে জায়গা রয়েছে তাঁর। সেদিক থেকেই কয়েকটি বর্ণপরিচয় হাতে তুলে নিয়ে লাইব্রেরীর ইনচার্জ বলেন, "হঠাৎই যেন সকলে বিদ্যাসাগর নিয়ে মেতে উঠেছেন। আমাদের দোকানেই কয়েকদিনে অনেকেই বর্ণপরিচয় নিতে এসেছেন। এসব মূর্তি ভাঙার জন্য হচ্ছে কিনা জানি না। তবে বিদ্যাসাগর কোথাও যেন নতুন করে জেগে উঠেছেন।" বইপাড়ার খবর, এখন বহু প্রকাশনী সংস্থা বর্ণপরিচয় বই বিক্রি করলেও আগের বর্ণপরিচয়ের স্বত্ব ছিল শুধু দেব সাহিত্য কুটিরের হাতে। তাদেরই একজন দেব লাইব্রেরীতে বসে সাদা ধুতি পাঞ্জাবী পরিহিত সন্তোষর্ধ বনছিলেন, "সেদিন মিছিলটা কলেজ স্ট্রীট দিয়ে যাওয়ার আগেই আমি বাড়ি চলে গিয়েছিলাম। টিভি খুলে দেখি এই কাণ্ড। বিদ্যাসাগরের মূর্তি ভাঙা হয়েছে দেখে প্রথমে খারাপ লাগলেও পরে মনে হয়েছে, এতে ওঁকে নিয়ে চর্চা বাড়ল, নইলে কাচের বাজ্রে বন্দি লোকটাকে সকলে কতটা চিনতেন।"

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO.

2019

TEST BOOKLET

Paper-III

Time allowed : 3 hours

Full marks : 200

Answer *all* the questions.

Questions are of equal value.

TEST BOOKLET SERIES



Serial No.12199....

Roll No.:

0106612

Signature of the Candidate:

nd. Jeanel Madal

INSTRUCTIONS

Candidates should read the following instructions carefully before answering the questions:

1. This booklet consists of 24 pages including this front page. Verify the Page Nos. and Test Booklet Series on each page and bring at once to the Invigilator's notice any discrepancy.
2. Answers will have to be given in the Special Answer-Sheet supplied for the purpose.
3. Before you proceed to mark in the Answer-Sheet in response to various items in the Test Booklet, you have to fill in some particulars in the Answer-Sheet as per instructions sent to you in the Admit Card. **Do not fold the Answer-Sheet as this will result in error in your marks.**
4. All questions are of multiple-choice answer-type. You will find **four** probable answers (A), (B), (C) and (D) against each question. Find out which of the four answers appears to you to be correct or the best. Now darken the circle corresponding to the letter of the selected answer in the Answer-Sheet with **Black Ball Point Pen** as per instructions printed on the reverse of the Admit Card and in the Answer-Sheet.
5. One and only one circle is to be fully blackened for answer. Any spot in any other circle (multiple circle) or in wrong circle will be considered as wrong answer.
6. **There will be negative marking of $\frac{1}{3}$ mark for each wrong answer.**
7. There is a blank page at the end of this Booklet for Rough Work.
8. **The Special Answer-Sheet should be handed over to the Invigilator before leaving the Examination Hall. You are permitted to take away the used Test Booklet after completion of the examination.**

1. Chilka is an example of _____ lake.
(A) Crater
✓(B) Lagoon
(C) Glacial
(D) Aeolian
2. _____ is the source of river Chambal.
(A) Malwa plateau
(B) Aravalli range
✓(C) Vindhyan range
(D) Satpura range
3. Ganga is an example of _____ river.
(A) Consequent
(B) Subsequent
✓(C) Antecedent
(D) None of the above
4. Dalma Trap is located in _____ state of India.
(A) Bihar
(B) Orrisa
✓(C) Jharkhand
(D) None of the above
5. _____ is the highest peak of Sahayadris.
(A) Anaimudi
(B) Mahabaleswar
✓(C) Pushpagiri
(D) Aroya-Konda
6. The HDI of India for the year 2017 is _____.
(A) 0.635
(B) 0.640
(C) 0.645
(D) 0.650
7. According to the Census of India, 2011 the sex ratio of West Bengal is _____.
(A) 947
✓(B) 948
(C) 938
(D) 958
8. _____ is the highest peak of Maghalaya Plateau.
(A) Norkek
✓(B) Shilong
(C) Mirik
(D) None of the above
9. The coal belt of peninsular India developed during _____ period.
✓(A) Tertiary
(B) Pleistocene
(C) Carboniferous
(D) None of the above
10. _____ is the oldest denudated mountain of India.
(A) Eastern Ghats
(B) Nilgiri Hills
✓(C) Aravalli
(D) Zaskar

11. Khar Dung La pass joins _____.
- (A) Leh and Chumbi valley
 (B) Leh and Siachen glacier
 (C) Uttarakhand and Tibet
 (D) Valley of Kashmir and Kargil
12. According to the Indus Water Treaty, India got the exclusive right to use the water of three rivers and among them one is _____.
- (A) Jhelum
 (B) Ravi
 (C) Chenab
 (D) Indus
13. Sarva Shiksha Abhijan was launched in the year _____.
- (A) 2000
 (B) 2001
 (C) 2002
 (D) 2003
14. Kannad belong to _____ language group.
- (A) Austric
 (B) Aryan
 (C) Sino-Tibetan
 (D) Dravidian
15. _____ has one of the four training centers of National Disaster Response Force.
- (A) Delhi
 (B) Hyderabad
 (C) Bangalore
 (D) Bhopal
16. The National Fire Service college is located at _____.
- (A) Ahmedabad
 (B) Chennai
 (C) Nagpur
 (D) Allahabad
17. In 2005, the Indian government enacted an act for prevention and mitigation of disaster. It is known as _____.
- (A) Disaster Prevention Act
 (B) Disaster Mitigation Act
 (C) Disaster Management Act
 (D) None of the above
18. _____ is not a drought prone area.
- (A) Kalahandi (Orissa)
 (B) Purulia (West Bengal)
 (C) Nellore (Tamil Nadu)
 (D) Assam Valley (Assam)
19. IMD has defined severe drought when deficiency of rainfall exceeds _____ of normal rainfall.
- (A) 25%
 (B) 40%
 (C) 50%
 (D) 75%
20. In the year _____ tsunami occurred in coastal areas of India.
- (A) 2003
 (B) 2006
 (C) 2004
 (D) 2005

21. The famous earthquake of January 26, 2001 took place at _____.
- (A) Uttar Kashi
 - ✓(B) Bhuj (Gujrat)
 - (C) Andaman and Nicobar
 - (D) Kinnaur
22. Saline soil is found in _____.
- ✓(A) Estuary of Narmada
 - (B) Malwa Plateau
 - (C) Meghalaya Plateau
 - (D) Rajmahal Hills
23. Tropical Moist deciduous is not found in _____.
- (A) West Bengal
 - (B) Bihar
 - ✓(C) Gujrat
 - (D) Orrisa
24. 'Sal' tree is found in _____ forest.
- ✓(A) Moist Tropical
 - (B) Aline
 - (C) Dry Tropical
 - (D) None of the above
25. _____ is the largest west flowing river of Peninsular India.
- (A) Tapi
 - (B) Sabarmati
 - ✓(C) Narmada
 - (D) None of the above
26. Mandakini and Alakananada meet at _____.
- ✓(A) Rudra Prayag
 - (B) Karan Prayag
 - (C) Allahabad
 - (D) Deva Prayag
27. The Indus originates from the glaciers of _____ range.
- (A) Pir Panjal
 - (B) Kailash
 - ✓(C) Zaskar
 - (D) Saltora
28. _____ coastal plain stretches from Daman to Goa.
- (A) Kerela
 - ✓(B) Konkan
 - (C) Utkal
 - (D) Gujrat
29. _____ hill range is also known as Sahyadris.
- ✓(A) Western Ghats
 - (B) Eastern Ghats
 - (C) Vindhayas
 - (D) Satpura
30. _____ pass is in Arunachal Pradesh.
- ✓(A) Bum La
 - (B) Jelep La
 - (C) Nathula
 - (D) Bazil

31. _____ plateau is separated from the main peninsular plateau of India by the wide gap of Garo Rajmahal Gap.

- (A) Madhya Bharat Pathar
- (B) Meghalaya
- (C) Chotonagpur
- (D) Malwa

32. The Marwar plain is found in _____

- (A) Rajasthan
- (B) Gujrat
- (C) Maharashtra
- (D) Uttar Pradesh

33. The Zoji La pass is located in _____ state of India.

- (A) Jammu and Kashmir
- (B) Himachal Pradesh
- (C) Sikkim
- (D) Arunachal Pradesh

34. The famous _____ glacier is located at Nubra Valley.

- (A) Baltora
- (B) Punmah
- (C) Siachen
- (D) Kanchenjunga

35. _____ valley lies in between Pir Panjal and Zaskar range.

- (A) Kangra
- (B) Kashmir
- (C) Kulu
- (D) Dun

36. The Dravidian rock system is found in _____ region.

- (A) Krishna Valley
- (B) Chotonagpur plateau
- (C) Spiti Valley
- (D) Damodar Valley

37. Barren Island Wild Life Sanctuary is located in _____.

- (A) Dadra and Nagar Haveli
- (B) Pondicherry
- (C) Andaman and Nicobar Island
- (D) Lakshwadeep

38. _____ is the highest producer of milk in India.

- (A) Uttar Pradesh
- (B) Andhra Pradesh
- (C) Haryana
- (D) Rajasthan

39. The Indian Wild Life Protection Act was passed in the year _____.

- (A) 1962
- (B) 1972
- (C) 1975
- (D) 1965

40. _____ is declared as national park in the year 2014 and became the newest national park of India.

- (A) Dachigam
- (B) Gorumara
- (C) Jaldhpara
- (D) Inderkilla

Please Turn Over

41. _____ national park is located in the state of Jharkhand.

- (A) Bhitarkanika ✗
- ✓(B) Betla
- (C) Bandipur ✗
- (D) Bandhavgarh ✗

42. The _____ is first national park established in India in the year 1936.

- (A) Bandhavgarh
- (B) Gir
- (C) Indira Gandhi
- ✓(D) Jim Corbett

43. India Standard Time is _____ ahead of Greenwich Mean Time.

- (A) 6 hours 30 minutes
- (B) 4 hours 30 minutes
- ✓(C) 5 hours 30 minutes
- (D) 6 hours 15 minutes

44. _____ is a central university in West Bengal.

- (A) Gour Banga University
- (B) Rabindra Bharati
- ✓(C) Vishwa Bharati
- (D) University of Calcutta

45. '100 Smart Cities Mission' was launched by Indian Government in the year _____.

- (A) 2014
- (B) 2015
- (C) 2016
- ✓(D) 2013

46. 'Doordarshan' is the broadcasting agency of _____.

- ✓(A) Prasar Bharati
- (B) Akash Vani
- (C) Gyan Bharati
- (D) National Film Development Corporation

47. The full form of the abbreviation NLM is _____.

- (A) Northern Line of Monsoon
- (B) Normal Line of Monsoon
- (C) Northern Limit of Monsoon
- (D) Normal Limit of Monsoon

48. IISCO has iron and steel plant at _____.

- (A) Rourkela
- ✓(B) Burnpur
- (C) Shimoga
- (D) Vishakapatnam

49. Wet temperate forest is found in _____ region of India.

- ✓(A) Nilgiri
- (B) Eastern Ghats
- (C) Kashmir Himalayas
- (D) Kachch Peninsula

50. Black soil is mostly found in _____ states of India.

- ✓(A) Maharashtra and Gujrat
- (B) Maharashtra and Rajasthan
- (C) Andhra Pradesh and Kerela
- (D) Bihar and Madhya Pradesh

51. The Congress decided to raise a Swaraj Fund of one crore rupees for:

- (A) Organizing the Non-Co-operation Movement
- (B) Memorial of Bal Gangadhar Tilak
- (C) Building the headquarters of the Congress
- (D) Supporting the families of the political workers.

52. The Historic Lucknow Session of the Congress in 1916 was presided over by

- (A) Mrs. Annie Besant
- (B) R.N. Mudhokar
- (C) Ambika Charan Majumdar
- (D) Madan Mohan Malaviya

53. The brain behind the bomb attack on Viceroy Lord Hardinge at Chandni Chawk, Delhi in December 1912, was:

- (A) Rasbehari Basu
- (B) Bhai Parmanand
- (C) Sachindranath Sanyal
- (D) Shobhan Lal Pathak

54. After the Partition of Bengal, the two new provinces which came into existence were:

- (A) East Bengal and Bengal
- (B) East Bengal and West Bengal
- (C) East Bengal and Assam
- (D) East Bengal and North Bengal

55. Who killed Michael O' Dyer, the Governor of Punjab, who had ordered the brutal firing on the innocent people at Jalianwala Bag?

- (A) Madan Lal Dhingra
- (B) Sardar Udham Singh
- (C) Sohan Singh Bhakra
- (D) Kanai Lal Dutt

56. The founder President of the Harijan Sevak Sangha, founded by M.K. Gandhi, was

- (A) Mahadev Desai
- (B) G.D. Birla
- (C) Amrit Lal Thakkar
- (D) B.R. Ambedkar

57. The day M.K. Gandhi launched the Non-Co-operation Movement, a great National leader died, he was:

- (A) Gopal Krishna Gokhale
- (B) Bal Gangadhar Tilak
- (C) Pheroze Shah Mehta
- (D) C.R. Das

58. A Public Service Commission was established in India for the first time by

- (A) The Indian Council Act 1892
- (B) Act of 1909
- (C) The Government of India Act, 1919
- (D) The Government of India Act, 1935

59. After the Surat split in 1907, the Second Split in the Congress took place in 1918 on the issue of:

- (A) Lucknow Pact
- (B) Montagu Declaration
- (C) Election of Mrs. Annie Besant as President of the INC (1917)
- (D) Both (A) & (C)

60. The European Organization in India which launched agitation against the Ilbert Bill was:

- (A) European Defence Association
- (B) Indo-British Association
- (C) Anti Ilbert Bill League
- (D) European Rights Front

Please Turn C

61. He was a great Indian revolutionary who was a Professor of Sanskrit and Philosophy in the Universities of Berkeley and Stanford and died as a sanyasi in Philadelphia, He was:
- (A) Shyamji Krishna Verma
(B) Lala Hardayal
(C) Bhai Parmanand
(D) Ram Chandra Bhardwaj
62. Who edited a Bengali weekly the 'Jugantor' and 'Basumati'?
- (A) Barindra Ghosh
(B) Aurobindo Ghosh
(C) Ganesh Ghosh
(D) Anand Mohan Bose
63. Madan Lal Dhingra murdered Curzon Wylie in London, who was a/an _____.
- (A) Adviser to the Secretary of State for India.
(B) Secretary of State for India.
(C) Former Governor of the Punjab
(D) Law Member of the Viceroy's Executive Council
64. Gopal Hari Deshmukh is popularly Known as 'Lokhitwadi' because:
- (A) He was a great philanthropist and social worker.
(B) He distributed money and medicines to the poor and the needy.
(C) He edited a monthly magazine the 'Lokhitwadi'.
(D) All of the above
65. The Vaikom Satyagraha was launched in 1924 for
- (A) opening the temples to the low caste Hindus.
(B) fighting against the exploitation by the Landlords.
(C) removal of Press restrictions.
(D) democratisation of the administration of Travancore State.

66. Which of the following acted as President of the Indian National Congress for six Consecutive years?

- (A) Jawaharlal Nehru
(B) Dadabhai Naoroji
(C) Abul Kalam Azad
(D) Gopal Krishna Gokhale

67. Which of the following revolutionary and terrorist organizations had a large number of young women revolutionaries?

- (A) Yugantor
(B) Anushilan Samiti
(C) Bharat Mata Society
(D) Indian Republican Army

68. The Nehru Committee Report got a decent burial at the hands of the Congress at the _____ Session of the I.N.C.

- (A) Calcutta
(B) Madras
(C) Lahore
(D) Bombay

69. Who was the first to unfurl the first Indian National Flag, the parent and precursor of the Flag of Independent India?

- (A) Madam Vikaiji Cama
(B) Dadabhai Naoroji
(C) Raja Mahendra Pratap
(D) Taraknath Das

70. Who gave the title of Rani to the Nag woman leader Gaidinliu?

- (A) Subhas Chandra Basu
(B) Jawaharlal Nehru
(C) Thakkar Bapa
(D) Mahatma Gandhi

71. Who founded a Social Organization, the 'Jat Pat Torak Mandal' in 1922, for breaking the caste barriers among the Hindus?

- (A) Bhai Parmanand
- (B) Dr. B.R. Ambedkar
- (C) M.G. Ranade
- (D) Keshab Chandra Sen

72. Which of the following was not a leader of the All India Hindu Mahasabha?

- (A) V.D. Savarkar
- (B) Bhai Parmanand
- (C) Dr. Shyama Prasad Mukherjee
- (D) M.R. Jayakar

73. Dadabhai Naoroji was elected to the British House of Commons as a member of the _____ party.

- (A) Conservative
- (B) Liberal
- (C) Labour
- (D) Labour-Liberal Combine

74. The only Indian prince, who actively participated in the revolutionary movement within and outside India, was

- (A) Raja Mahendra Pratap
- (B) Kunwar Singh
- (C) Chhatrapati Sahu
- (D) Raja Ripudaman Singh

75. Bal Gangadhar Tilak was given the epithet of Lokmanya during:

- (A) Swadeshi Movement
- (B) Revolutionary Movement
- (C) Home Rule Movement
- (D) His imprisonment in 1908

76. The issue of discussion and stalemate at the Second Round Table Conference related to the

- (A) Communal Problem
- (B) Federal Structure
- (C) Demand for Purna Swarajya
- (D) Representation of Depressed Classes

77. Who of the following was not hanged in the famous Kakori Train Dacoity Case?

- (A) Pandit Ramprasad Bismil
- (B) Roshan Lal
- (C) Ashfaqulla Khan
- (D) Surya Sen

78. The Chittagong Armoury Raid had been planned by

- (A) Surya Sen
- (B) Chandra Dutta
- (C) Vidhan Ghosh
- (D) Jatin Das

79. The two greatest women revolutionaries of the National Movement—Pritilata Wadedar and Kalpana Dutta were the revolutionary co-workers of:

- (A) Surya Sen
- (B) Bhagat Singh
- (C) Batokeshwar Dutt
- (D) Chapekar brothers

80. Who murdered Sanders, Assistant Superintendent of Police, Lahore, for assualting Lala Lajpat Rai?

- (A) Bhagat Singh
- (B) Batukeswar Dutt
- (C) Sukh Dev
- (D) Raj Guru

Please Turn Over

81. Why did Bhagat Singh and Batukeswar Dutt throw bombs on the floor of the Central Assembly in New Delhi and in the Process got themselves arrested?

- (A) After the murders of Sanders at Lahore, the people were suffering terribly at the hands of the Police.
- (B) A feeling had slowly gained around that the people had to suffer the consequences of the crimes committed by Bhagat Singh, etc. to remove such a feeling H.S.R.A. decided to send two members to commit a crime and then to court arrest.
- (C) To create a sensation all over India in order to remove political lethargy
- (D) All of the above

82. Jatin Das, an accused in the Lahore Conspiracy Case, on whose death the family of the Irish martyr, Teren Macswiney sent condolence message to the family of Das, died after undertaking a fast of _____ days.

- (A) fifty six
- (B) sixty three
- (C) seventy two
- (D) eighty one.

83. Subhas Chandra Basu was unanimously elected President of the I.N.C. at the Haripur Session held in February:

- (A) 1936
- (B) 1937
- (C) 1938
- (D) 1939

84. What was the fundamental difference between Subhas Chandra Basu and Gandhi-Nehru group, which led to the defeat of Gandhiji's candidate for the Presidentship of the I.N.C.?

- (A) Gandhiji had a personal dislike for Basu.
- (B) Basu had radical and socialist ideas.
- (C) Basu wanted to exploit the war between Germany and Britain to India's advantage and said: "England's necessity is India's opportunity"
- (D) Insinuations made by Basu against Gandhiji that he was not keen on carrying on the National Struggle.

85. The Tripuri Session of the I.N.C. (March, 1939) was a historic event on account of

- (A) the victory of Subhas Chandra Basu as President of I.N.C. against Gandhiji's nominee, Pattabhi Sitaramayya.
- (B) the resignation of the entire Working Committee except Subhas Chandra Basu and his brother Sarat Chandra Basu.
- (C) the resolution to frame a Constitution of free India.
- (D) rejection of the British Foreign Policy by the I.N.C.

86. After Leaving the Congress, Subhas Chandra Bose organized the Forward Block in

- (A) 1939
- (B) 1938
- (C) 1940
- (D) 1941

87. The main principle of M.K. Gandhi's famous Basic Education System or Wardha Scheme was:

- (A) Learning through activity
- (B) Learning through productivity
- (C) Earning and learning
- (D) Learning and spinning

88. Match the following events with the dates of their occurrence:

- | | |
|-------------------------------|----------------------|
| (a) August Offer | I. August 9-11, 1942 |
| (b) Arrival of Cripps Mission | II. July 14, 1942 |
| (c) Quit India Resolution | III. March 23, 1942 |
| (d) The Great August Uprising | IV. August 8, 1940 |

- | | | | |
|---------|-----|------|-----|
| (a) | (b) | (c) | (d) |
| (A) IV | III | II | I |
| (B) III | II | I | IV* |
| (C) IV, | II, | III, | I |
| (D) IV | III | I | II* |

89. The four brigades of the I.N.A. were named after:

- (A) Lal, Bal, Pal, Subhas
- (B) Surya, Chandra, Jatin, Bhagat
- (C) Gandhi, Azad, Nehru, Subhas
- (D) Ganga, Yamuna, Narmada, Kaveri

90. The first Provisional Government of Free India was inaugurated by Subhas Chandra Basu at

- (A) Imphal
- (B) Kohima
- (C) Singapore
- (D) Rangoon

91. British Prime Minister Attlee made the historic announcement of the end of British rule of India on

- (A) February 20, 1947
- (B) August 16, 1946
- (C) March 7, 1947
- (D) December 9, 1946

92. Lord Mountbatten's Declaration on the Freedom of India and its partition is known as

- (A) The August Plan
- (B) The June 3rd Plan
- (C) The June 2nd Plan
- (D) The Partition Plan

93. A brilliant and patriotic Anglo-Indian teacher, Henry Vivian Derozeo, was the founder of:

- (A) The Young Bengal Movement
- (B) The Indian National Union
- (C) The Servants of India Society
- (D) The British India Association

94. Match the authors with their works:

- | | |
|-------------------------|--------------------------------|
| (a) Dr. Rajendra Prasad | I. The Nations Voice |
| (b) Abul Kalam Azad | II. India Divided |
| (c) V.D. Savarkar | III. India Wins Freedom |
| (d) C. Rajagopalachari | IV. Indian War of Independence |

- | | | | |
|---------|------|-----|-----|
| (a) | (b) | (c) | (d) |
| (A) II✓ | III✓ | IV✓ | I- |
| (B) III | II | I | IV* |
| (C) I | II | III | IV✓ |
| (D) II✓ | III✓ | I | IV |

Please Turn Over

MSC(C)-7/19

95. Certain movements of the early twentieth century described as 'Movements from below' were

- (A) Caste movements
- (B) Revolutionary movements
- (C) Peasant and tribal movements
- (D) Socio-religious movements

96. Match the authors and the works:

- | | |
|-------------------------|----------------------|
| (a) Sceptred Flute | I. M.K. Gandhi |
| (b) Savitri | II. Sarojini Naidu |
| (c) India and the world | III. Aurobindo Ghosh |
| (d) Conquest of Self | IV. Jawaharlal Nehru |

- | | | | |
|--|-----|-----|-----|
| (a) | (b) | (c) | (d) |
| (A) I | II | III | IV |
| (B) IV | III | II | I |
| (C) II | III | IV | I |
| <input checked="" type="checkbox"/> (D) II | I | IV | III |

97. What approximately was the number of Princely States which legally became independent at the lapse of British paramountcy on August 15, 1947?

- (A) 300
- (B) 600
- (C) 150
- (D) 700

98. Ridiculing the idea of Swarajya in 1903; who said, "Only mad men outside lunatic asylums could think or talk of independence"?

- (A) Lord Curzon
- (B) Lord Hardinge
- (C) Gopal Krishna Gokhale
- (D) Pheroze Shah Mehta

99. During the British rule the only British King to visit India and hold his magnificent Durbar, was:

- (A) Edward VII
- (B) George V
- (C) James II
- (D) Edward VI

100. A Muslim organization, which proposed during the First World War that Muslims should participate and try to reach an accord with the Congress, was

- (A) Muslim League
- (B) Ahmadiya Movement
- (C) Ehrar League
- (D) Deoband Movement

101. Which of the following is not a feature of Lothal?

- (A) Discovery of a dockyard
- (B) Rectangular and circular fire alters for animal sacrifice
- (C) Depiction of a ship on a seal
- (D) Evidence of the use of the plough

102. Who was the propounder of the Ajivika Sect?

- (A) Purana Kassapa
- (B) Pakuddha Kaccayana
- (C) Makkali Gosala
- (D) Ajita Keshakambalin

103. The spies during the Sangam age was known as

- (A) Spasas
- (B) Dutas
- (C) Orrars
- (D) Sanjayans

104. Lands, during the post-Gupta period, were classified on the basis of

- (A) Being cultivated and uncultivated
- (B) Being irrigated and unirrigated
- (C) Crops being grown on the lands
- (D) All of the above

105. The Pallava-Chola style of architecture is commonly known as
- (A) Pallava
(B) Chola
(C) Nagara
(D) Dravida
106. The largest standing army of the Sultanate directly paid by the state was created by
- (A) Iltutmish
(B) Alauddin Khilji
(C) Muhammad Bin Tughlug
(D) Sikandar Lodi
107. The Muslim kingdom of Golconda grew up on the ruins of the old Hindu kingdom of
- (A) Devagiri
(B) Dwarsamudra
(C) Warrangal
(D) Kanchi
108. Which of the following did not form part of the contingents maintained by the mansabdars?
- (A) Cavalrymen
(B) Artillerymen
(C) Bowmen
(D) Musketeers
109. The chief Dutch export from the Coromandel Ports was
- (A) Textiles
(B) Indigo
(C) Spices
(D) Saltpetre
110. Which of the following is not one of the arrangements made by the English after defeating the Marathas in the third Anglo-Maratha war?
- (A) The Peswaship was abolished.
(B) Holkar was forced to enter into a subsidiary alliance.
(C) The Gaekwar entered into a subsidiary alliance.
(D) The small kingdom of Satara formed out of Peswa dominions was given to Pratap Singh.
111. Who is known as the 'Plato of the Jat tribe'?
- (A) Rajaram
(B) Churaman
(C) Badan Singh
(D) Surajmal
112. The Nawab of Awadh who was appointed the Wazir of the Mughal empire was
- (A) Sadat Khan
(B) Safdar Jang
(C) Asaf ud daula
(D) Nasiruddin
113. After Bengal, the English secured the rights of duty free trade in the dominions of
- (A) Raja of Benaras
(B) Nawab of Awadh
(C) The Nizam of Hyderabad
(D) The Jats of Bharatpur
114. A remarkable feature of the spread of landlordism was the growth of
- (A) Aristocracy
(B) Capitalism
(C) Sub-infeudation
(D) Cultivation

Please Turn Over

MSC(C)-7/19

115. When did the Company lose its monopoly of Indian trade which was thrown open to all Britons?

- (A) 1813
- (B) 1833
- (C) 1853
- (D) 1793

116. The extension of the cultivation of indigo, cotton, opium, tea and coffee in India, besides benefitting the British planters, also benefited

- (A) The Zamindars
- (B) The small merchants
- (C) Both (A) and (B)
- (D) The Indian Bankers

117. What was the primary reason for the failure of Mahalwari Settlement in checking the process of destruction of the village communities?

- (A) It was introduced only as a temporary measure to be replaced ultimately by the rayatwari system.
- (B) Individual rights in the land were recognized and guaranteed by the state.
- (C) There were several defects and lacunae in the implementation of the measure
- (D) It met with severe opposition from certain sections of the village community.

118. Which of the following was the chief organizer of the Revolt of 1857 in Bihar?

- (A) Amar Singh
- (B) Kunwar Singh
- (C) Pir Ali
- (D) Imaduddin

119. Which of the following consequences of the British rule did not affect the Muslim middle classes?

- (A) The tyranny of the British Indigo Planters
- (B) The disbandment of the Nawab's forces
- (C) The abolition of the rural police
- (D) The resumptions of Imam's lands which provided sustenance to the learned

120. The first session of the All India Trade Union Congress held in Bombay in 1920, was presided over by

- (A) Jawaharlal Nehru
- (B) V. V. Giri
- (C) Lala Lajpat Rai
- (D) N. M Joshi

121. What was the solution found by B. R. Ambedkar in later years after Independence to end the hardship of scheduled class people?

- (A) More Representations
- (B) Separate Electorate
- (C) Embracing the Buddhism
- (D) Organized Movement

122. During the first twenty years of the Congress, which of the following acted as president of the INC thrice?

- (A) Surendra Nath Banerjee
- (B) Dadabhai Naoroji
- (C) Gopal Krishna Gokhale
- (D) Sankaran Nair

123. Aurobindo Ghosh was brilliantly defended by

- (A) Chittaranjan Das
- (B) W. C. Bonerjee
- (C) Motilal Nehru
- (D) Tej Bahadur Sapru

124. The Hindustan Socialist Republican Association movement ended with the death of

- (A) Bhagat Singh
(B) Ram Prasad Bismil
(C) Chandra Sekhar Azad
(D) Jogesh Chandra Chatterji

125. The Congress gave up its ideal of a United India and accepted partition, because

- (A) The country was sinking into a civil war
(B) The congress leaders felt that partition was a lesser evil than a civil war
(C) The congress leaders succumbed to the temptation of power and struck a deal with the British
(D) The interim Govt had become an arena of struggle

126. Mahatma Gandhi first experimented with his technique of Satyagraha in

- (A) Champaran
(B) Khera
(C) Ahmedabad Mill Strike
(D) Anti Rowlatt Act Agitation

127. A senior congress leader, who held that the Quit India Movement was misguided and detrimental to India's long term interests, was

- (A) Tej bahadur Sapru
(B) Jayaprakash Narayan
(C) C. Rajagopalachari
(D) J. B. Kripalani

128. Match the social reformers of the nineteenth century with their individual contributions:

- | | |
|------------------------|--|
| (a) Raja Rammohan | (i) Abolition of Sati |
| (b) Keshab Chandra Sen | (ii) Intercaste marriage, widow remarriage and emancipation of women |
| (c) Jyotiba Phule | (iii) Removal of untouchability |
| (d) Dayanand Saraswati | (iv) Shuddhi movement and rejection of hereditary caste system |

- | | | | | |
|-----|------|-------|--------|--------|
| | (a) | (b) | (c) | (d) |
| (A) | (i)✓ | (ii)✓ | (iii)✓ | (iv)✓ |
| (B) | (ii) | (i) | (iii) | (iv)✓ |
| (C) | (ii) | (i) | (iv) | (iii)✓ |
| (D) | (i)✓ | (ii)✓ | (iv) | (iii) |

129. The precursor of the Indian National Congress was

- (A) Indian Association of Calcutta
(B) Indian National Conference
(C) British Indian Association
(D) The Indian Union

130. The name 'Indian National Congress' was given by

- (A) S. N. Banerjee
(B) Dadabhai Naoroji
(C) Feroze Shah Mehta
(D) M. G. Ranade

131. The first president of the Indian National Congress was

- (A) A. O. Hume
(B) W. C. Bonerjee
(C) S. N. Banerjee
(D) Dadabhai Naoroji

Please Turn Over

132. Who said "The Congress is tottering to its fall, and one of my great ambitions, while in India, is to assist it to its peaceful demise"?

- (A) Syed Ahmed Khan
- (B) Raja Shiv Prasad
- (C) Lord Dufferin
- (D) Lord Curzon

133. Arrange the following events in the correct chronological order:

- I. Partition of Bengal
- II. Varanasi Session of the I. N. C.
- III. Calcutta Session of the I. N. C.
- IV. Foundation of Muslim League

- (A) I II III IV
- (B) II I III IV
- (C) I II IV III
- (D) I III II IV

134. The immediate cause of the Surat Split (1907) between the moderates and the extremists was

- (A) the Boycott of the moderates by the extremists.
- (B) the election of the President of I. N. C.
- (C) the Swaraj Resolution.
- (D) the extremists resolution of Swadeshi, Boycott, National Education and Self-Government.

135. The Calcutta session of the I. N. C. (1906) marks a turning point in the history of the congress, because

- (A) it marked the end of the twenty years of the I. N. C.
- (B) it marked the end of the moderate phase of the I. N. C.
- (C) it adopted the resolutions regarding Boycott, Swadeshi, National Education and Self Government.
- (D) it was the last session when the I. N. C. was dominated by the old guard.

136. Who were designated as Neo Nationalists?

- (A) Extremists
- (B) Revolutionaries
- (C) Moderates
- (D) Swarajists

137. The I. N. C. became both 'Indian' and 'National' in reality as well as in name, at the

- (A) Surat Session (1907)
- (B) Calcutta Session (1906)
- (C) Lucknow Session (1916)
- (D) Lahore Session (1929)

138. Match the papers or periodicals with the National leaders who Published them.

- | | |
|------------------------|----------------------|
| (a) Abul Kalam Azad | (i) Bombay Chronicle |
| (b) Pheroze Shah Mehta | (ii) Al Hilal |
| (c) Mrs. Annie Besant | (iii) Young India |
| (d) M. K. Gandhi | (iv) New India |

- (A) (ii) (i) (iv) (iii)
- (B) (i) (ii) (iii) (iv)
- (C) (ii) (i) (iii) (iv)
- (D) (iii) (ii) (i) (iv)

139. Arrange the following events in the correct chronological order.

- I. Bombing on Lord Hardinge
- II. Transfer of capital from Calcutta to Delhi
- III. Outbreak of the First World War
- IV. Gandhiji's arrival in India

- (A) II I IV III
- (B) I II III IV
- (C) III I II IV
- (D) II I III IV

140. Match the founders of the following revolutionery organisations:

- | | |
|--|---|
| (a) Anushilan Samiti | (i) V. D. Savarkar |
| (b) Abhinava Bharata | (ii) Barindra Kumar Ghosh |
| (c) Ghadar Party | (iii) Lala Hardayal |
| (d) Hindustan Socialist
Republical Army | (iv) Sachindra Nath
Sunyal and Bhagat
Singh |

- (a) (b) (c) (d)
 (A) (ii) (i) (iii) (iv)
 (B) (i) (ii) (iii) (iv)
 (C) (ii) (iii) (i) (iv)
 (D) (iv) (iii) (ii) (i)

141. Match the epithets of the following National Leaders:

- | | |
|----------------------------|--------------------|
| (a) B. G. Tilak | (i) Lokmanya |
| (b) Andrews | (ii) Dinabandhu |
| (c) Madan Mohan
Malviya | (iii) Mahamana |
| (d) Lala Lajpat Rai | (iv) Punjab Kesari |

- (a) (b) (c) (d)
 (A) (i) (ii) (iii) (iv)
 (B) (ii) (i) (iii) (iv)
 (C) (iii) (ii) (i) (iv)
 (D) (iv) (iii) (ii) (i)

142. Which of the following was not the result of the Home Rule movement of Tilak and Besant?

- (A) The I. N. C. and the Muslim League both thought of starting a 'passive Resistance' movement.
 (B) The Home Rule campaign virtually ousted the moderates from the political field.
 (C) The I. N. C. became the 'Congress of Tilak and Besant'.
 (D) The movement generated a cultural awakening in India.

143. Jatin Das, who died (September 13, 1929) after a long hunger strike in the prison, had been arrested in connection with

- (A) Murder of Saunders
 (B) Throwing of bombs in the Assembly at Delhi
 (C) Lahore Conspiracy case
 (D) Meerut Conspiracy case

144. Who is regarded as 'the Mother of Indian Revolution'?

- (A) Mrs. Annie Besant
 (B) Snehlata Wadkar
 (C) Sarojini Naidu
 (D) Madam Bhikaiji Rustom Cama

145. The President of the Lahore Session of the I.N.C. (December 1929) which passed the Purna Swaraj resolution was

- (A) Motilal Nehru
 (B) Jawaharlal Nehru
 (C) Srinivas Ayengar
 (D) Subhas Chandra Bose

146. The famous 'Purna Swaraj Declaration', which says: "We hold it to be a crime against man and God to submit any longer to a rule that has caused this fourfold disaster to our country", was prepared by

- (A) Jawaharlal Nehru
 (B) M.K. Gandhi
 (C) Motilal Nehru
 (D) All of the above

Please Turn Over

147. The greatest merit of the Gandhi-Irwin Pact was that:

- (A) The I.N.C. agreed to join the Second Round Table Conference.
- (B) For the first time the I.N.C. was treated on a footing of equality as a political opponent.
- (C) Gandhi, the 'half naked Fakir', ascended the staircase of the Viceregal Lodge.
- (D) The I.N.C. gained a status and authority to speak for political India.

148. Opposition to the Gandhi-Irwin pact was mainly

- (A) because of the execution of Bhagat Singh, Sukh Dev and Raj Guru.
- (B) because the I.N.C. renegeed the Purna Swarajya pledge.
- (C) because of suspension of the Civil Disobedience Movement.
- (D) because the Pact was a self delusion.

149. After the Gaya Session of the I.N.C. in December 1892 a new party was formed by Motilal Nehru and C.R. Das. Its name was

- (A) National Liberal Party
- (B) The Congress Khilafat Swarajya Party
- (C) Swarajya Party
- (D) Swarajya Congress Party

150. The Meerut Conspiracy Case, in which 27 accused persons were defended by Jawaharlal Nehru and K.N. Katju, related to the members of the

- (A) Ghadar Party
- (B) Hindu Mahasabha
- (C) Indian National Congress
- (D) Communist Party of India

151. The longest _____ is with _____ (4096 kilometers).

- (A) Nepal
- (B) Bhutan
- (C) Afghanistan
- (D) Bangladesh

152. India is not the leading producers of _____ spices.

- (A) Cumin
- (B) Cardamom
- (C) Ginger
- (D) Chilli

153. The present habitat of _____ tribe is mainly in the plateau regions of Bihar, Jharkhand, Orissa and West Bengal.

- (A) Bhils
- (B) Nagas
- (C) Santhals
- (D) None of the above

154. Muzaffarnagar in Uttar Pradesh is famous for production of _____.

- (A) Millet
- (B) Cotton
- (C) Tobacco
- (D) Sugarcane

155. The National Air Monitoring Program was initiated by _____.

- (A) National Disaster Management Agency
- (B) State Pollution Control Board
- (C) National Pollution Control Board
- (D) Central Pollution Control Board

156. The southern most point of India is _____, located at $6^{\circ}45'$ N.
- (A) Indira Point
(B) Kanniya Kumari
(C) Dras
(D) Chennai
157. Bangladesh access the enclaves in Cooch Bihar through _____ corridor.
- (A) Teen Bigha
(B) Darjeeling
(C) Jalpaiguri
(D) None of the above
158. The basic objective of _____ is to provide all-weather connectivity to all villages.
- (A) SGSY
(B) IAY
(C) DPAP
(D) PMGSY
159. Varanasi is an example of _____ city.
- (A) Defense
(B) Administrative
(C) Port
(D) Ecclestial
160. Malda district of West Bengal is famous for _____.
- (A) Sericulture
(B) Horticulture
(C) Apiculture
(D) Aquaculture
161. _____ is the largest producer of sugarcane in India.
- (A) Maharastra
(B) Gujrat
(C) Uttar Pradesh
(D) Madhya Pradesh
162. Sheets, rods, plates, utensils from _____ are manufactured by mill at Belur (West Bengal).
- (A) Iron and steel
(B) Copper
(C) Bronze
(D) Aluminium
163. India is the largest exporter of _____.
- (A) Orange
(B) Pear
(C) Cashew nuts
(D) Strawberry
164. Bamboo, rags, rice bran are the main raw materials of _____ industry.
- (A) Chemical
(B) Fertilizer
(C) Cotton
(D) Paper
165. _____ is the largest producer of tea.
- (A) West Bengal
(B) Tamil Nadu
(C) Assam
(D) Karnataka

Please Turn Over

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166. In the year 1988, India launched the first remote sensing satellite, _____.

- (A) IRS-1A
- (B) INSAT-1D
- (C) INSAT-1A
- (D) None of the above

167. Jawaharlal Nehru Port is situated at about 14 kilometers south of _____ city.

- (A) Chennai
- (B) Mumbai
- (C) Goa
- (D) Kolkata

168. According to the Census Department of Government of India, a class III urban place have a population between _____.

- (A) 10,000 to 19,999
- (B) 20,000 to 49,999
- (C) 50,000 to 99,999
- (D) None of the above

169. _____ state has the highest literacy rate among the north-eastern states of India.

- (A) Mizoram
- (B) Nagaland
- (C) Manipur
- (D) Tripura

170. _____ state of India has more females in number than males with a sex-ratio of 1084/1000 according to the Census of India, 2011.

- (A) Karnataka
- (B) West Bengal
- (C) Kerala
- (D) Orissa

171. According to Census of India, 2011 the crude birth rate of the country is _____ per thousand.

- (A) 25.8
- (B) 23.8
- (C) 26.8
- (D) 21.8

172. Many people of _____ state speaks Kinnauri.

- (A) Jammu and Kashmir
- (B) Himachal Pradesh
- (C) Uttar Pradesh
- (D) Uttarakhand

173. _____ is a minority group in India who are followers of Zoroastrianism.

- (A) Jains
- (B) Parsis
- (C) Buddhist
- (D) Christians

174. Lepcha, Assamese, Bhutia are types of _____ language family.

- (A) Sino-Tibetan
- (B) Austric
- (C) Dravidian
- (D) Indo-Aryan

175. _____ is the main occupation of the Toda tribe of southern India.

- (A) Hunting
- (B) Pastoralism
- (C) Fishing
- (D) Agriculture

176. _____ is a tribe of north-east India.

- (A) Oraon
- (B) Chenchu
- (C) Angami
- (D) Irula

177. _____ is not a potential area for generation of geo-thermal energy.

- (A) Son Valley
- (B) Damodar Valley
- (C) Western Ghats
- (D) None of the above

178. Blue revolution is aimed at increasing the production of _____.

- (A) Milk
- (B) Poultry
- (C) Shrimp
- (D) Indigo

179. _____ is not a SEZ of India.

- (A) Falta ✓
- (B) Noida ✓
- (C) Indore
- (D) Surat

180. According to the Census of India 2011, the child sex-ratio of India is _____.

- (A) 920
- (B) 914
- (C) 941
- (D) 921

181. In the year _____ the first Census of India was conducted.

- (A) 1911
- (B) 1872
- (C) 1921
- (D) 1891

182. _____ census year recorded a negative growth rate of -0.31 in India.

- (A) 1931
- (B) 1921
- (C) 1941
- (D) 1911

183. India and Pakistan have boundary dispute over _____ creek.

- (A) Sir
- (B) Kari
- (C) Kajhar
- (D) None of the above

184. By _____ amendment constitutional status was given to the Panchayat system.

- (A) 74th
- (B) 73th
- (C) 72th
- (D) 62th

185. Integrated Urban Development Project was initiated during _____ five-year plan.

- (A) Fourth
- (B) Fifth
- (C) Sixth
- (D) Seventh

186. Tilaiya Dam is on _____ river.
 (A) Barakar
 (B) Damodar
 (C) Konar
 (D) None of the above
187. Ukai dam is on Ukai river which is a tributary of _____ river.
 (A) Narmada
 (B) Mahanadi
 (C) Tapi
 (D) Ganga
188. Shivasamudram Dam is constructed on _____ river.
 (A) Narmada
 (B) Mahanadi
 (C) Krishna
 (D) Kaveri
189. Bundelkhand is famous for production of _____ mineral.
 (A) Diamond
 (B) Mica
 (C) Copper
 (D) Iron
190. _____ is the largest producer of Mica.
 (A) Bihar
 (B) Jharkhand
 (C) Andhra Pradesh
 (D) Madhya Pradesh

191. Copper is found in large quantity at _____.
 (A) Durgapur
 (B) Ghatsila
 (C) Nagpur
 (D) Mayurbhanj
192. India is the second largest producer of _____, after Zimbabwe.
 (A) Iron
 (B) Manganese
 (C) Zinc
 (D) Lead
193. Salem is famous for production of _____ iron ore.
 (A) Hematite
 (B) Magnetite
 (C) Limonite
 (D) Siderite
194. Introduction of Joint Forest Management was an important objective of _____.
 (A) National Forest Policy, 1988
 (B) Man and Biosphere Program
 (C) Wild Life Protection Act, 1972
 (D) None of the above
195. Woods of sundari tree is used mainly for making _____.
 (A) Railway sleepers
 (B) Boat making
 (C) Cricket bat
 (D) None of the above
196. _____ forecast flood in India.
 (A) Indian Meteorological Department
 (B) Central Flood Forecasting Organization
 (C) Central Flood and Disaster Forecasting Organization
 (D) None of the above

197. According to Koppen's climatic classification, Kerela has _____ climate.

- (A) Tropical monsoon
- (B) Tropical moist
- (C) Tropical Savanna
- (D) Cold Humid Winter

198. The western disturbances cause winter precipitation in north-west regions of Indian subcontinent. It originates from _____.

- (A) Mediterranean Sea
- (B) Aral Sea
- (C) Caspian Sea
- (D) None of the above

199. _____ crosses the Himalayas and brings dry and stable weather in winter in India.

- (A) Easterly Jet Streams
- (B) Westerly Jet Streams
- (C) Both easterly and westerly jet streams
- (D) South Eastern Monsoon wind

200. Chandra Tal is located in _____ valley.

- (A) Kashmir
- (B) Lahaul and Spiti
- (C) Dun
- (D) None of the above

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131

1. What is 'Arribada'?
 - (A) Mass Nestling of Olive Ridley
 - (B) Setting up a habitat by Red Panda
 - (C) Colony formation by Penguin
 - (D) None of the above

2. Which three companies have launched the Ujjwala Sanitary Napkins?
 - (A) Indian Oil, Bharat Petroleum and Hindustan Petroleum
 - (B) Bharat Petroleum, ONGC and Indian Oil
 - (C) Indian Oil, Oil India Limited and Hindustan Petroleum
 - (D) ONGC, Oil India Limited and Bharat Petroleum

3. How many times Sheikh Hasina has been elected as Prime Minister of Bangladesh?
 - (A) Two Times
 - (B) Three Times
 - (C) Four Times
 - (D) Five Times

4. What was the profession Volodymyr Zelensky before elected as the President of Ukraine?
 - (A) Singer
 - (B) Comedian
 - (C) Doctor
 - (D) Soldier

5. Where is the shoal grassland found in India?
 - (A) Western Ghats
 - (B) Sundarban
 - (C) Andaman-Nicobar
 - (D) Himalayas

6. Which state government's Medical & Health Department has received the WHO's 'World No Tobacco Day Award, 2019'?
 - (A) Rajasthan
 - (B) Gujarat
 - (C) Chattisgarh
 - (D) West Bengal

7. Who among the following has been appointed as the Deputy Executive Director of UN-Women on May 30, 2019?
 - (A) Narayani Shastri
 - (B) Anita Bhatia
 - (C) Ritu Jhington
 - (D) Lakshmi Puri

8. Name the Indian who has been felicitated with Mexico's highest civilian award 'Order of the Aztec Eagle' in 2019?
 - (A) Ram Nath Kovind
 - (B) Pratibha Patil
 - (C) Pranab Mukherjee
 - (D) Sonia Gandhi

9. The Elephanta Festival of Art and Culture is held in which city of India?
 - (A) New Delhi
 - (B) Thiruvananthapuram
 - (C) Jaipur
 - (D) Mumbai

10. In which city India's first Tree Ambulance has recently been launched?
 - (A) Bhopal
 - (B) Chennai
 - (C) Ahmedabad
 - (D) Mumbai

11. Which of the following banks has launched the 'Bank on Wheels' service?

- (A) State Bank of India ✗
- (B) Axis Bank
- (C) ICICI Bank
- (D) Indian Overseas Bank

12. Which of the following Ministry launched the Artisan Speak?

- (A) Ministry of Culture ✓
- (B) Ministry of Tourism
- (C) Ministry of Textiles
- (D) Ministry of External Affairs

13. Where is the "Vivek Smarak"—the Swami Vivekananda Value Education and Cultural Centre located?

- (A) Telengana
- (B) West Bengal ✓
- (C) Karnataka
- (D) Bihar

14. Which of the Indian Lake possess 20% of India's sea-grass distribution?

- (A) Chilka Lake ✓
- (B) Loktak Lake
- (C) Dal Lake
- (D) Mansar Lake

15. In which of the following institutions, the first time ever in India, voting was held in the campus of an institution for mentally ill on April 18, 2019?

- (A) Spandana Institute of Mental Health
- (B) Institute of Mental Health, Hyderabad
- (C) Institute of Mental Health, Ayanavaram
- (D) Institute of Psychaitry, Kolkata

16. A book containing English translation of the 100 year old classic Punjabi poem about Jalianwala Bagh massacre, "Khooni Vaishakhi" has been released in Abu Dhabi. What is the name of Jalianwala Bagh survivor who wrote it after witnessing first-hand the events of April 13, 1919?

- (A) Manmohan Singh
- (B) Khuswant Singh
- (C) Lal Singh Dil
- (D) Nanak Singh

17. In which country India has rebuilt Kundeing Monestry?

- (A) Thailand
- (B) Sri Lanka
- (C) Nepal
- (D) Bhutan

18. Who has become the first Indian woman scientist to have been selected as Fellow of the Royal Society in the 359 year history of the prestigious scientific academy?

- (A) Mangala Narlikar
- (B) Gagandeep Kang
- (C) Nandini Harinath
- (D) Aditi Pant

19. Who has joined International Monetary Fund as its chief economist on January 8, 2019?

- (A) Jayanto Ghosh
- (B) Gita Gopinath ✓
- (C) Raghuram Rajan
- (D) Indira Nooyi

20. Which country's army ousted and arrested president Omar-Al-Bashir on April 11, 2019?

- (A) Sudan ✓
- (B) South Sudan
- (C) Somalia
- (D) Egypt

Please Turn Over

21. Who has been named as the Wisden Almanack leading cricketer of the year 2018?

- (A) Jos Buttler
- (B) Sam Curren
- (C) Virat Kohli
- (D) Shakib Al Hasan

22. In which country the first ever home delivery drone service has been launched by Google Wing?

- (A) Australia
- (B) Canada
- (C) France
- (D) South Korea

23. Defence Research and Development Organization on April 15, 2019 successfully test fired Nirbhay. What is Nirbhay?

- (A) Pilotless aircraft
- (B) Radar
- (C) Missile launcher vessel
- (D) Sub-sonic cruise missile

24. World Health Organization has raised alarm over a 300 per cent increase in the case of which disease globally in the first quarter of 2019 compared with last year?

- (A) Cancer
- (B) Polio
- (C) Diabetes
- (D) AIDS

25. Which of the following two countries named the first and second best performing country after the Climate Change Performance Index, 2019?

- (A) Norway and Iceland
- (B) Sweden and Bhutan
- (C) Bhutan and Finland
- (D) Sweden and Morocco

26. The 2020 Summer Olympic will be held in

- (A) Tokyo
- (B) London
- (C) Athens
- (D) Atlanta

27. Who authored the book "Identity and Violence : The Illusion of Destiny"?

- (A) L. K. Advani
- (B) A. P. J. Abdul Kalam
- (C) Amartya Sen
- (D) Orphan Pamuk

28. "Playing it my way" is the autobiography of

- (A) Brian Lara
- (B) Virat Kohli
- (C) Sachin Tendulkar
- (D) Steve Waugh

29. Who Said, "Man is by nature a political animal"?

- (A) Socrates
- (B) Aristotle
- (C) Plato
- (D) Karl Marx

30. What is the National aquatic animal of India?

- (A) River Dolphin
- (B) Green Sea Turtle
- (C) Seahorse
- (D) Dugong

31. Which is the capital of Bulgaria?

- (A) Sofia
- (B) Bangui
- (C) Rabat
- (D) Lome

32. What is the currency of Myanmar?

- (A) Kyat
- (B) Ringgit
- (C) Peso
- (D) Baht

33. What is the currency of Italy?

- (A) Lira
- (B) Euro ✓
- (C) Dollar
- (D) Pound

34. How many operational commands are there in Indian Army?

- (A) 5
- (B) 6
- (C) 7
- (D) 8

35. How many official languages are there in UNO?

- (A) 3 ✓
- (B) 4
- (C) 5
- (D) 6

36. Shura-e-Milli is the Parliament of which country?

- (A) Jordan
- (B) Iran
- (C) Afghanistan
- (D) Israel

37. Which one of the following is the highest military decoration of Germany?

- (A) Victory Medal
- (B) Iron Cross
- (C) Military Cross
- (D) Croix de Guerra

38. Who is the most decorated Olympian?

- (A) Usain Bolt
- (B) Michael Phelps
- (C) Larisa Latinina
- (D) Carl Lewis

39. The border line between Pakistan and Afghanistan is known as

- (A) McMohan Line
- (B) Radcliff Line
- (C) Durand Line
- (D) Maginot Line

40. The Head Quarters of ILO is located in

- (A) Geneva
- (B) The Hague
- (C) New York
- (D) Rome

Please Turn Over

41. Deuce; Booster; Spikers; Service; Love are related to

- (A) Badminton
- (B) Volleyball ✓
- (C) Baseball
- (D) Billiards

42. Rohinton Baria Trophy is related to

- (A) Inter School Hockey Competition
- (B) Inter State Polo Championship
- (C) Inter-University Cricket Competition
- (D) Under 19 Table Tennis Competition

43. India House is situated in

- (A) Delhi
- (B) Singapore
- (C) Rangoon
- (D) London ✓

44. Which of the following is known as the city of eternal spring?

- (A) Rome
- (B) Quito
- (C) Lhasa
- (D) Venice ✓

45. Black holes were predicted by

- (A) Copernicus
- (B) Einstein
- (C) Rutherford
- (D) Satyen Bose ✓

46. Who won Man Booker Prize, 2018?

- (A) Anna Burns ✓
- (B) Daisy Johnson
- (C) Rachel Kushner
- (D) Richard Powers

47. Who won 68th edition of Miss World Pageant?

- (A) Karen Ibasco
- (B) Manushi Chhillar
- (C) Megan Young
- (D) Vanessa Ponce

48. Along with Nanaji Deshmukh and Bhupen Hazarika, who was the recipients of Bharat Ratna of 2019?

- (A) Atal Bihari Vajpayee
- (B) Manmohan Singh
- (C) Pranab Mukherjee ✓
- (D) None of the above

49. Rajiv Gandhi Khel Ratna, 2018 was awarded to Mirabai Chanu for which discipline?

- (A) Wrestling
- (B) Weightlifting
- (C) Boxing ✓
- (D) Archery

50. What does 'CSIR' stand for?

- (A) Council of Scientific and Industrial Research
- (B) Center for Science and Industrial Research
- (C) Center for Share and Investment Ratio
- (D) Council for Scientific and Informational Research

51. The temperature of water for measuring BOD should be maintained at
- (A) 20°C
 - (B) 30°C
 - (C) 35°C
 - (D) 40°C
52. Silent Valley became national park in the year
- (A) 1980
 - (B) 1984
 - (C) 1988
 - (D) 1990
53. The pH for drinking water should be between
- (A) 5 – 6
 - (B) 6 – 6.5
 - (C) 6.5 – 7.5
 - (D) 8 – 9
54. The following virus is water borne:
- (A) Hepatitis A
 - (B) Hepatitis B ✓
 - (C) Hepatitis C
 - (D) Hepatitis E
55. The following name is associated with rain water harvesting:
- (A) Rajendra Singh
 - (B) Baba Amte
 - (C) S. C. Nair
 - (D) Medha Patkar
56. The maximum width of tropopause is
- (A) 10 Km
 - (B) 15 Km
 - (C) 20 Km
 - (D) 25 Km
57. The Thermosphere starts from Earth's surface at a distance of
- (A) 80 Km
 - (B) 85 Km
 - (C) 100 Km
 - (D) 125 Km
58. The following bacteria may be used to mitigate oil spill:
- (A) *Bacillus*
 - (B) *Pseudomonas*
 - (C) *E. coli*
 - (D) *Nitrobacter*
59. The following gas may be involved in stone cancer:
- (A) N₂
 - (B) SO₂ ✓
 - (C) CO₂
 - (D) H₂S
60. DDT does not contain
- (A) C ✓
 - (B) H
 - (C) P ✓
 - (D) Cl

Please Turn Over

61. Loss of water is maximum from
(A) leaf surface
(B) soil surface
(C) root
(D) stem surface
62. The operation 'Surya Hope' is related to
(A) Uttarakhand flood
(B) Kerala flood
(C) Kashmir flood
(D) Assam flood
63. The Disaster Management Act was enacted in
(A) 2000
(B) 2003
(C) 2005
(D) 2010
64. The following is not a macronutrient:
(A) Mg
(B) Ca
(C) Fe
(D) K
65. The fresh water percentage of Earth is
(A) 1%
(B) 2.5%
(C) 5%
(D) 10%
66. The opening match of ICC World Cup, 2019 between England and South Africa was held in
(A) Lord's
(B) Oval
(C) Trent Bridge
(D) Cardiff
67. When did West Bengal become a state?
(A) ~~August 15, 1947~~
(B) August 15, 1948
(C) November 26, 1949
(D) January 26, 1950
68. Where is Vikram Sarabhai Space Centre?
(A) Bengaluru
(B) Sriharikota
(C) Baleswar
(D) Thiruvananthapuram
69. Indira Gandhi Centre for Atomic Research is located in
(A) Kolkata
(B) Kalpakkam ✓
(C) Mumbai
(D) Hyderabad
70. The black foot disease primarily occurs due to toxicity of
(A) Fluoride
(B) Cadmium
(C) Arsenic ✓
(D) Lead ✓

71. Fluoride in environment primarily comes from
- (A) topaz
 - (B) apatite
 - (C) fluorite
 - (D) phosphorite
72. The following is a sedentary cycle:
- (A) P cycle
 - (B) N₂ cycle
 - (C) C cycle
 - (D) O₂ cycle
73. The following organism is an endosymbiont:
- (A) *Anabaena*
 - (B) *Azotobacter*
 - (C) *Clostridium*
 - (D) *Nitrobacter*
74. Habitats resulting from lava flow is an example of
- (A) primary succession
 - (B) secondary succession
 - (C) autogenic succession
 - (D) allogenic succession
75. Which is the first plant grown in the moon?
- (A) Cotton
 - (B) Potatoes
 - (C) *Arabidopsis*
 - (D) Canola
76. What is the total number of seats in West Bengal Legislative Assembly?
- (A) 295
 - (B) 308
 - (C) 435
 - (D) 543
77. Who was the first Chief Justice of the Calcutta High Court?
- (A) Sir Richard Couch
 - (B) Sir Barnes Peacock
 - (C) Sir George Ranking
 - (D) Sir Harold Derbyshire
78. In which year Chandannagar was integrated into West Bengal?
- (A) 1947
 - (B) 1948
 - (C) 1950
 - (D) 1954
79. In which year the Bengal famine happened?
- (A) 1876
 - (B) 1936
 - (C) 1943
 - (D) 1976
80. Who was the first Sultan of Bengal?
- (A) Saifuddin Hamza Shah
 - (B) Sikandar Shah
 - (C) Samsuddin Ilyas Shah
 - (D) Alibardi Khan

Please Turn Over

81. In which year the Princely State of Cooch Behar merged with West Bengal?

- (A) 1947
- (B) 1948
- (C) 1949
- (D) 1950

82. Which one is the first news paper published in Bengali language?

- (A) Digdarshan
- (B) Samachar Darpan
- (C) Tattobodhini
- (D) Ananda Bazar

83. In which year Howrah Bridge was open for public?

- (A) 1941
- (B) 1942
- (C) 1943
- (D) 1944

84. Binapani Devi was the matriarch of which community?

- (A) Mech
- (B) Bauris
- (C) Rabha
- (D) Matua

85. On which river has the central government approved 'Keery Hydro Power Project'?

- (A) Mahananda
- (B) Chenab
- (C) Teesta
- (D) Jhelum

86. Which city bagged award for the cleanest city for third straight year in Swachh Survekshan, 2019?

- (A) Pune
- (B) Amaravati
- (C) Indore
- (D) Chandigarh

87. India's first Rajdhani Express turned 50 on March 3, 2019. Which was the route of first Rajdhani Express?

- (A) Bombay-New Delhi
- (B) Howrah-New Delhi
- (C) Madras-New Delhi
- (D) Amritsar-New Delhi

88. Which sports has been included in 2022 Asian Games?

- (A) Cricket
- (B) Football
- (C) Paragliding
- (D) Pencak Silat

89. Who named cyclone 'Foni'?

- (A) India
- (B) Bangladesh
- (C) Sri Lanka
- (D) Myanmar

90. In which year Satyajit Ray's first film Pather Panchali was released?

- (A) 1951
- (B) 1955
- (C) 1958
- (D) 1960

91. Which Viceroy of India suggested the construction of Victoria Memorial in Kolkata?

- (A) Lord Curzon
- (B) Lord Dalhousie
- (C) Lord Ripon
- (D) Lord Hardinge

92. Which one is the State Animal of West Bengal?

- (A) Royal Bengal Tiger
- (B) Spotted Deer
- (C) Fishing Cat
- (D) One Horned Rhinoceros

93. The Poona pact was an agreement between

- (A) Gandhi and Ambedkar
- (B) Nehru and Ambedkar
- (C) Nehru and Gandhi
- (D) Ambedkar and Malviya

94. In which year Swami Vivekananda established Ramakrishna Mission?

- (A) 1892 ✓
- (B) 1897 ✗
- (C) 1902
- (D) 1904

95. The Constituent Assembly of India has started functioning from

- (A) November 26, 1946
- (B) December 9, 1946
- (C) January 26, 1947
- (D) April 21, 1947

96. What is the time difference between India and London?

- (A) 4 Hours 30 Minutes
- (B) 6 Hours ✗
- (C) 8 Hours 30 Minutes
- (D) 12 Hours

97. Which one is the world's wettest continent?

- (A) Asia
- (B) Africa
- (C) South America
- (D) Europe

98. Who can declare financial emergency in India?

- (A) Governor of RBI
- (B) Prime Minister
- (C) President
- (D) Finance Minister

99. Which one is the India's multi-purpose river valley?

- (A) Vakra Nangal
- (B) Damodar Valley
- (C) Tungabhadra
- (D) Nagarjuna Sagar

100. Who scripted Gandhiji's favourite song "Vaishnav Jan to Tene Kahiye...?"

- (A) Rabindranath Tagore
- (B) Premanand
- (C) Meera Bai
- (D) Chunilal

Please Turn Over

101. The emission spectrum of hydrogen discovered first and the region of the electromagnetic spectrum in which it belongs, respectively are

- (A) Lyman, ultraviolet
- (B) Lyman, visible
- (C) Balmer, ultraviolet
- (D) Balmer, visible

102. An electric bulb marked as 50 W-200 V is connected across a 100 V supply. The present power of the bulb is

- (A) 37.5 W
- (B) 25 W ✓
- (C) 12.5 W
- (D) 10 W

103. Water is flowing through a very narrow tube. The velocity of water below which the flow remains a streamline flow is known as

- (A) relative velocity
- (B) terminal velocity ✓
- (C) critical velocity ✗
- (D) particle velocity

104. A bullet on penetrating 30 cm into its target loses its velocity by 50%. What additional distance will it penetrate into the target before it comes to rest?

- (A) 30 cm
- (B) 20 cm
- (C) 10 cm
- (D) 5 cm

105. In which of the following phenomena, the heat waves travel along straight lines with the speed of light?

- (A) Thermal conduction
- (B) Forced convection
- (C) Natural convection
- (D) Thermal radiation ✓

106. If the bandgap between valence band and conduction band in a material is 5.0 eV, then the material is

- (A) semiconductor
- (B) good conductor
- (C) super conductor
- (D) insulator ✓

107. During the emission of a positron from a nucleus, the mass number of the daughter element remains the same but the atomic number

- (A) is decreased by 1 unit
- (B) is decreased by 2 units
- (C) is increased by 1 unit ✗
- (D) remains unchanged

108. For the radioactive nuclei that undergo either α or β decay, which one of the following cannot occur?

- (A) Isobar of original nucleus is produced.
- (B) Isotope of the original nucleus is produced. ✓
- (C) Nuclei with higher atomic number than that of the original nucleus is produced.
- (D) Nuclei with lower atomic number than that of the original nucleus is produced.

109. Which one of the following is wrong about molecularity of a reaction?

- (A) It may be whole number or fractional.
- (B) It is calculated from reaction mechanism.
- (C) It is the number of molecules of the reactants taking part in a single step chemical reaction.
- (D) It is always equal to the order of elementary reaction. ✓

110. In which of the following pairs, the two physical quantities have different dimensions?

- (A) Planck's constant and angular momentum
- (B) Impulse and linear momentum
- (C) Moment of inertia and moment of a force
- (D) Energy and torque

111. Which of the following vitamin is water soluble as well as an antioxidant?

- (A) Vitamin-B₁
- (B) Vitamin-A
- (C) Vitamin-D
- (D) Vitamin-C

112. 'Adaptation' of eyes in dark due to

- (A) depletion of vision pigment in rods
- (B) depletion of vision pigment in cones
- (C) repletion of vision pigment in rods
- (D) repletion of vision pigment in cones

113. A man of blood group-A marries a woman of blood group-AB, which type of progeny would indicate that man is heterozygous?

- (A) O
- (B) B
- (C) A
- (D) AB

114. The permanent decrease in population number occurs due to

- (A) Migration
- (B) Natality
- (C) Emigration
- (D) Mortality

115. Aspirin is a/an

- (A) antibiotic
- (B) antiseptic
- (C) antipyretic
- (D) None of the above

116. A body is floating in a liquid at rest. Incorrect statement about situation options:

- (A) Buoyancy is equal to weight of body.
- (B) Weight of liquid displaced by body is equal to buoyancy.
- (C) Force applied by body on liquid is buoyancy downward.
- (D) Weight will be greater than buoyancy.

117. WAN hardware includes

- (A) Multiplexors and routers
- (B) EDF
- (C) Bridger and modems
- (D) Removable disc

118. Which one is the first search engine in internet?

- (A) Google
- (B) Archie
- (C) Altavista
- (D) WAIS

119. Which one programming language is exclusively used for artificial intelligence?

- (A) C
- (B) Java
- (C) J2EE
- (D) Prolog

Please Turn Over

120. A dual layer Blue-ray disc can store data upto
- (A) 20 GB
 - (B) 30 GB
 - (C) 40 GB
 - (D) 50 GB
121. Protein folding is a process in which a polypeptide folds into _____.
- (A) 2-D structure
 - (B) Globular form
 - (C) 3-D structure
 - (D) Linear form
122. Who described the structure of DNA double helix?
- (A) Peter Mitchell
 - (B) Andre Jagendorf
 - (C) Ernest Uribe
 - (D) Watson and Crick
123. Which of these are used to measure optical activity?
- (A) Polarimeter
 - (B) Planometer
 - (C) Psychrometer
 - (D) Photometer
124. What is the wavelength of Super High Frequency (SHF) especially used in radar and satellite communication?
- (A) 1 m – 10 m
 - (B) 1 cm – 10 cm
 - (C) 10 cm – 1 m
 - (D) 0.1 cm – 1 cm
125. The device used by Banks to automatically read those special numbers on the bottom of the cheques is
- (A) MICR
 - (B) OMR
 - (C) UPC
 - (D) UDIC
126. Roof top water harvesting is highest in
- (A) China
 - (B) Brazil
 - (C) Ghana
 - (D) India
127. The noise level during plane take off is around
- (A) 100 dB
 - (B) 150 dB
 - (C) 200 dB
 - (D) 250 dB
128. The Biodiversity Act was passed in
- (A) 2000
 - (B) 2002
 - (C) 2004
 - (D) 2008
129. Bengal Smoke Nuisance Act came up for the first time in
- (A) 1900
 - (B) 1905
 - (C) 1950
 - (D) 1978

130. The green bench in Kolkata High Court was established in
- (A) 1990
 - (B) 1996
 - (C) 1997
 - (D) 1998
131. The temporary hardness of water is caused by
- (A) Oxides
 - (B) Bicarbonates
 - (C) Chlorides
 - (D) Sulphates
132. The disinfection of drinking water by municipalities is mostly by
- (A) Chlorination
 - (B) Bromination
 - (C) Boiling
 - (D) UV radiation
133. The ideal temperature for composting is
- (A) 30°C – 40°C
 - (B) 40°C – 50°C
 - (C) 50°C – 60°C
 - (D) 60°C – 70°C
134. The following waste comes under red category:
- (A) metal
 - (B) drug
 - (C) oil waste
 - (D) food waste
135. The unit of radioactivity is
- (A) Co
 - (B) Ci
 - (C) Cr
 - (D) Cq
136. The activated sludge treatment is carried out by
- (A) high temperature
 - (B) acidification
 - (C) microbes
 - (D) moisture
137. The country where paper recycling was initiated in the world is
- (A) UK
 - (B) USA
 - (C) Germany
 - (D) France
138. The electric arc furnace is used for recycling of
- (A) Cu
 - (B) Zn
 - (C) Fe
 - (D) Cr
139. CITES became effective from the year
- (A) 1970
 - (B) 1975
 - (C) 1980
 - (D) 1985

Please Turn Over

140. Mulching prevents the loss of
 (A) microbes
 (B) moisture
 (C) mineral
 (D) organic matter
141. SiO_2 is reacted with Sodium Carbonate. What is the gas liberated?
 (A) CO_2
 (B) CO
 (C) O_2
 (D) O_3
142. The potential energy of a molecule on the surface of a liquid compared to one inside the liquid is
 (A) zero
 (B) lesser
 (C) equal
 (D) greater
143. For a metallic wire, the ratio $\frac{V}{i}$ [V = applied potential difference and i = current flowing] is
 (A) independent of temperature.
 (B) increases as the temperature rises. ✓
 (C) decreases as the temperature rises.
 (D) increases or decreases as the temperature rises depending upon the metal.
144. In gamma ray emission from a nucleus
 (A) only proton number changes.
 (B) only neutron number changes.
 (C) there is no change in the proton number and neutron number. ✓
 (D) Both the proton number and the neutron number change.
145. In radioactive decay process, the negatively charged emitted β particles are
 (A) the electrons present inside the nucleus.
 (B) the electrons produced as a result of the decay of neutrons inside the nucleus.
 (C) the electrons produced as a result of collisions between atoms.
 (D) None of the above
146. Indian Board of Wildlife was established in
 (A) 1932
 (B) 1952
 (C) 1962
 (D) 1972
147. Bhagabatpur project is for breeding
 (A) Marsh Crocodile
 (B) Tigers
 (C) Black buck
 (D) Dholes
148. Maximum energy consumption in Asia is by
 (A) India
 (B) China ✓
 (C) Japan
 (D) Pakistan
149. The golden rice contains
 (A) Vitamin A
 (B) Vitamin C
 (C) Vitamin E
 (D) Vitamin D

150. The Bt cotton is a transgenic crop with gene transfer from
- (A) virus
 - (B) bacteria
 - (C) fungi
 - (D) algae
151. Which of them contains all the information required to fold the polypeptide chain in its 3-D structure?
- (A) DNA sequences
 - (B) RNA
 - (C) Histone protein
 - (D) Amino acid sequences
152. Name the RNA molecules which is used to carry genetic information copied from DNA?
- (A) tRNA
 - (B) mRNA ✓
 - (C) rRNA
 - (D) snRNA
153. Name the disease caused by the deficiency of Niacin.
- (A) Pellagra
 - (B) Rickets
 - (C) Scurvy
 - (D) Pernicious anemia
154. What is the primary standard level for carbon monoxide for assuring air quality?
- (A) 10 ppm
 - (B) 90 ppm
 - (C) 1 ppm
 - (D) 9 ppm
155. Which is the most abundant hydrocarbon in the atmosphere?
- (A) Methane ✓
 - (B) Carbonyl sulphide
 - (C) Ethane
 - (D) None of the above
156. The solar sunspot cycle is
- (A) 3 years
 - (B) 7 years
 - (C) 11 years
 - (D) 14 years
157. Which of the following is the largest sink for carbon dioxide gas?
- (A) Forests
 - (B) Oceans ✓
 - (C) Ice sheets
 - (D) Grasslands
158. Which of the following is a liquid form of aerosol?
- (A) Fume
 - (B) Dust
 - (C) Mist
 - (D) Smoke ✓
159. X-ray films are a source of which of the following gas?
- (A) SO₂ ✓
 - (B) CO₂
 - (C) NO₂
 - (D) SO₃
160. What property of Earth protects us from harmful radiation from the Sun?
- (A) Trees
 - (B) Atmosphere ✓
 - (C) 70% water
 - (D) Earth's motion around the Sun ✓

Please Turn Over

161. Which of the following vitamin serves as a hormone precursor?
- (A) Vitamin – C
 - (B) Vitamin – A
 - (C) Vitamin – K
 - (D) Vitamin – D
162. Which of the following is not a component of the nucleus?
- (A) Chromosome
 - (B) Nucleolus
 - (C) Cytoplasm
 - (D) Nuclear envelope ✓
163. The value of the compressibility of an ideal fluid is
- (A) zero ✓
 - (B) unity
 - (C) infinity ✗
 - (D) more than that of a real fluid
164. In electromagnetic theory, continuity equation relates _____
- (A) volume conservation
 - (B) mass conservation
 - (C) charge conservation
 - (D) energy conservation ✓
165. Which is the cheapest device for measuring flow/discharge rate?
- (A) Venturimeter
 - (B) Pitot tube
 - (C) Orificemeter
 - (D) None of the above
166. What is the main energy generation process in the Sun?
- (A) Nuclear fission
 - (B) Nuclear radioactive decay
 - (C) Gravitational energy
 - (D) Nuclear fusion .
167. What is the shape of Earth's orbit?
- (A) Ellipse with high eccentricity .
 - (B) Ellipse with low eccentricity
 - (C) Circle
 - (D) None of the above
168. Data transmitted for a given amount of time is called _____.
- (A) Noise
 - (B) Power
 - (C) Frequency
 - (D) Bandwidth .
169. In TV transmission, picture signal is _____ modulated.
- (A) DSB-SC
 - (B) VSB
 - (C) SSB-SC
 - (D) Pulse
170. Which is the most abundant greenhouse gas in the atmosphere?
- (A) Carbon dioxide .
 - (B) Water vapour
 - (C) Methane
 - (D) Nitrogen

171. India's navigational satellite system is known as
- (A) GPS
 - (B) GLONASS
 - (C) BeiDou
 - (D) IRNSS
172. Asteroid belt is situated between the orbit of
- (A) Mercury and Venus
 - (B) Mars and Jupiter
 - (C) Jupiter and Saturn
 - (D) Uranus and Neptune
173. Formation of stars begin from the following two gases:
- (A) Hydrogen and Nitrogen
 - (B) Nitrogen and Oxygen
 - (C) Oxygen and Hydrogen
 - (D) Hydrogen and Helium
174. Below, which of the following pH in rain regarded as 'acid rain'?
- (A) 7
 - (B) 7.3
 - (C) 5.6
 - (D) 6
175. Which of the following pollutant is the major contributor to photochemical smog?
- (A) Peroxynitrates
 - (B) Hydroperoxides
 - (C) Nitrogen dioxide
 - (D) Ozone
176. What is Incinerator?
- (A) Furnace used for burning solid waste.
 - (B) Furnace used for treating liquid waste.
 - (C) Both (A) and (B)
 - (D) None of the above
177. What is Plankton?
- (A) Large plants in water.
 - (B) Microscopic floating organisms- Plants and animals.
 - (C) Bottom dwelling aquatic organisms
 - (D) None of the above
178. Biotic environment includes
- (A) Consumers
 - (B) Decomposers
 - (C) Producers
 - (D) All of the above
179. A genetically engineered form of brinjal, known as the Bt-brinjal, has been developed, the objective of this is
- (A) to improve its taste and nutritive qualities.
 - (B) to make it pest-resistant.
 - (C) to make it drought-resistant.
 - (D) to make its shelf-life longer.
180. The function of heavy water in a nuclear reactor is to
- (A) cool down the reactor.
 - (B) stop the nuclear reaction.
 - (C) slow down the speed of neutrons.
 - (D) increase the speed of neutrons.

Please Turn Over

181. The general molecular formula for disaccharide is

- (A) $C_{10}H_{20}O_{10}$
- (B) $C_{12}H_{22}O_{11}$
- (C) $C_{12}H_{20}O_{10}$
- (D) $C_{12}H_{22}O_{10}$

182. Proteins are composed of

- (A) vitamins
- (B) carbohydrates
- (C) α -amino acids
- (D) mineral salts

183. An ecosystem consists of

- (A) population.
- (B) a biotic community.
- (C) a population and its non-living elements.
- (D) a biotic community and its non-living elements.

184. Decomposers which specifically act on the fecal matter of other organisms are called

- (A) Coprophagic
- (B) Heterophagic
- (C) Allophagic
- (D) Paraphagic

185. Major cause of Ozone depletion is due to which chemical?

- (A) Chloro Fluoro Carbons
- (B) Polyphenols
- (C) Dioxins
- (D) Rayon

186. Which of the following configurations corresponds to element of highest ionisation energy?

- (A) $1s^2, 2s^1$
- (B) $1s^2, 2s^2, 2p^3$
- (C) $1s^2, 2s^2, 2p^2$
- (D) $1s^2, 2s^2, 2p^6, 3s^1$

187. Which of the following electromagnetic waves have the smallest wavelength?

- (A) Infrared rays
- (B) UV rays
- (C) X-rays
- (D) γ -rays

188. In which form does the food transported in plants?

- (A) Sucrose
- (B) Fructose
- (C) Glucose
- (D) Lactose

189. In plants, water supply is due to

- (A) osmosis
- (B) imbibition
- (C) guttation
- (D) adhesion force

190. Indusium is found in

- (A) algae
- (B) moss
- (C) ferns
- (D) cycas

191. Which is correctly matched?
(A) Apiculture – Honey bee ✓
(B) Pisciculture – Silk moth
(C) Sericulture – Fish
(D) Aquaculture – Mosquito
192. In blood, CO_2 is transported majorly as
(A) CO_2 as such
(B) Sodium Carbonate
(C) Bicarbonate
(D) Carboxy haemoglobin
193. Kupffer cells are present in
(A) Pancreas
(B) Liver
(C) Thyroid
(D) Small intestine
194. The vitamin which is essential for blood clotting is
(A) vitamin – A
(B) vitamin – B ✓
(C) vitamin – C
(D) vitamin – K
195. Which of the following is not vestigial in man?
(A) Tail vertebrae
(B) Nails
(C) Nictitating membrane
(D) Vermiform appendix
196. Which of the following is the largest gland in an adult man?
(A) Thymus
(B) Liver
(C) Thyroid
(D) Pancreas
197. Which is used in alcoholic beverages?
(A) Ethanol
(B) Methanol
(C) Phenol
(D) Glycerol
198. The homologue of ethyne is
(A) C_2H_2
(B) C_2H_6
(C) C_3H_4
(D) C_3H_8
199. Which of the following does not have coordinate bond?
(A) SO_2
(B) HNO_2
(C) HNO_3
(D) H_2SO_3
200. Oxidation state of Oxygen in F_2O is
(A) -1
(B) +1
(C) +2
(D) -2

1. "Preamble of our Constitution is of extreme importance and the Constitution should be read and interpreted in the light of the grand and noble vision expressed in the Preamble." Justice Sikri expressed the above opinion in the case of

- (A) In re Kerala Education Bill
- (B) A.K. Gopalan v. State of Madras
- (C) In re Berubari Union
- (D) Keshavananda Bharti v. State of Kerala

2. The Constitution of India has borrowed its federal scheme of 'Union of States' from which country?

- (A) United States of America
- (B) Canada
- (C) Ireland
- (D) Russia

3. Which of the following Articles describe about the person voluntarily acquiring citizenship of a foreign state not to be citizens?

- (A) Article 5
- (B) Article 6
- (C) Article 7
- (D) Article 8

4. For the purpose of Part III of the Constitution, which of the following are not State?

- (A) Industrial and Financial Corporation
- (B) Kerala Legislative Assembly
- (C) National Council of Educational Research and Training
- (D) Oil and Natural Gas Commission

5. In which of the following cases did the Supreme Court hold that an amendment of the Constitution under Article 368 was 'law' within the meaning of Article 13?

- (A) Shankari Prasad v. Union of India
- (B) Sajjan Singh v. State of Rajasthan
- (C) Golaknath v. State of Punjab
- (D) Keshavananda Bharti v. State of Kerala

6. Article 14 guarantees equality before law and equal protection of laws to

- (A) all persons living within the territory of India
- (B) all citizens living in India
- (C) all persons domiciled in India
- (D) all persons natural as well as artificial

7. In which of the following cases was it observed that Articles 14, 19 and 21 are not mutually exclusive and they jointly aim at reasonableness and fairness?

- (A) Golaknath v. State of Punjab
- (B) Jagannath v. Union of India
- (C) Maneka Gandhi v. Union of India
- (D) Ram Swarup v. Delhi Administration

8. Untouchability is abolished and its practice is punishable according to

- (A) Article 15
- (B) Article 16
- (C) Article 17
- (D) Article 18

9. On which one of the following freedoms can reasonable restrictions be imposed on the ground of security of the State?

- (A) Speech and expression
- (B) Peaceful assembly
- (C) Association or Union
- (D) Movement

10. Right to freedom of religion cannot be restricted on the ground of

- (A) Health
- (B) Morality
- (C) Public order
- (D) Security of State

11. Petitions to the Supreme Court under Article 32 are subject to the rule of Res judicata except

- (A) Certiorari
- (B) Habeas corpus
- (C) Prohibition
- (D) Quo-warranto

12. The fundamental rights under Articles 12-35

- (A) are absolutely flexible
- (B) can be amended
- (C) not justiciable
- (D) cannot be amended

13. The right to property was dropped from the list of fundamental rights by the

- (A) 24th Amendment
- (B) 42nd Amendment
- (C) 44th Amendment
- (D) None of the above

14. In which of the following cases the doctrine against arbitrariness was incorporated into equality before law by Justice Bhagwati?

- (A) Air India v. Nargesh Mirza
- (B) D. K. Bakshi v. Union of India
- (C) E. P. Royappa v. State of Tamil Nadu
- (D) Pradeep Jain v. Union of India

15. For the first time, which Constitutional Amendment made it clear that 'State' in clauses (a) to (e) of Article 3 of the Constitution includes 'Union Territories'?

- (A) 17th
- (B) 18th
- (C) 19th
- (D) 20th

16. "Excessive reservation would be fraud on the Constitution of India" was observed by the Supreme Court in

- (A) Ajit Singh v. State of Punjab
- (B) Balaji v. State of Mysore
- (C) Devdasan v. Union of India
- (D) Indira Sawhney v. Union of India

17. When a Court declares certain provisions of an Act invalid, it does not affect the validity of the entire Act, according to

- (A) Doctrine of eclipse
- (B) Doctrine of prospective overruling
- (C) Doctrine of severability
- (D) None of the above

18. Under the Indian Constitution, which one of the following is not a specific ground on which the State can place restrictions on freedom of religion?

- (A) Health
- (B) Morality
- (C) Public order
- (D) Social justice

19. Article 23 of the Constitution does not prohibit

- (A) beggary
- (B) compulsory service for public purposes
- (C) forced labour
- (D) traffic in human beings

20. A citizen of India, who holds any office of profit or trust under the State, cannot accept any title from any foreign State without the consent of the

- (A) Council of Ministers
- (B) Speaker of Lok Sabha
- (C) Prime Minister
- (D) President

Please Turn Over

21. The framers of the Constitution borrowed the concept of Directive Principles from
- (A) Government of India Act, 1935
 - (B) Constitution of Ireland
 - (C) Constitution of Switzerland
 - (D) Constitution of United States of America
22. Fundamental Duties are enshrined in
- (A) Part IV, Article 51
 - (B) Part IVA, Article 51
 - (C) Part IV, Article 51A
 - (D) Part IVA, Article 51A
23. According to the 86th Constitutional Amendment, 2002, the State shall endeavour to provide early childhood care and education for all children until they complete
- (A) age of 3 years
 - (B) age of 6 years
 - (C) age of 7 years
 - (D) age of 12 years
24. In the context of qualifications for contesting Presidential elections in India, which of the following statements is incorrect?
- (A) He should be a citizen of India.
 - (B) He should not hold office of profit.
 - (C) He should be qualified to be elected to the House of the People.
 - (D) He should be aged 30.
25. The ex-officio Chairman of the Council of States is
- (A) the President of India
 - (B) the Vice-President of India
 - (C) the Speaker of the House of the People
 - (D) None of the above
26. The Executive Power of the State is vested with
- (A) People of the State
 - (B) Chief Minister of the State
 - (C) Governor of the State
 - (D) State Legislature
27. In the event of the occurrence of vacancies in the offices of both, the President and Vice-President of India, who among the following shall discharge the functions of the President till new President is elected?
- (A) Chief Justice of India
 - (B) Leader of the majority party in the Parliament
 - (C) Senior-most amongst the Governors of States
 - (D) Speaker of the Lok Sabha
28. The power of the President of India to issue an ordinance is a
- (A) constituent power
 - (B) executive power
 - (C) judicial power
 - (D) legislative power
29. Any charge for impeachment of the President may be preferred
- (A) only in the Council of States
 - (B) only in the House of the People
 - (C) in either House of the Parliament
 - (D) only in joint session of the Parliament
30. The Governor can be removed from the office
- (A) by the President at his pleasure.
 - (B) by impeachment in Parliament.
 - (C) on the advice of the Chief Minister.
 - (D) on a resolution passed by two-third majority in the State Legislative Assembly.

31. The salary and allowances of the Governor are charged to

- (A) Consolidated Fund of India
- (B) Contingency Fund of India
- (C) Consolidated Fund of the State
- (D) (A) and (C) in equal proportion

32. Who among the following is competent to seek the advisory opinion of the Supreme Court of India?

- (A) The President of India
- (B) The Governor of a State
- (C) The Prime Minister of India
- (D) All of the above

33. Rajya Sabha has a term of

- (A) five years
- (B) six years
- (C) ten years
- (D) it is a permanent body in which one-third of the members retire after every second year

34. The Parliament of India consists of

- (A) Lok Sabha and Rajya Sabha
- (B) Lok Sabha and Vidhan Sabha
- (C) Lok Sabha, Rajya Sabha and the President
- (D) Lok Sabha, Rajya Sabha and the Prime Minister

35. Rajya Sabha can withhold Money Bills for a period of

- (A) fourteen days
- (B) one month
- (C) three months
- (D) six months

36. Articles 155 and 156 of the Constitution deal with

- (A) Election Commission
- (B) Inter-State Commerce Commission
- (C) Legislative Councils
- (D) President's power to appoint and dismiss Governor

37. The Council of Ministers at the Union remains in office as long as it enjoys the confidence of

- (A) Lok Sabha
- (B) Parliament
- (C) President
- (D) Prime Minister

38. The President nominates _____ Anglo-Indian members to the Lok Sabha.

- (A) 1
- (B) 2
- (C) 5
- (D) 7

39. The quorum requirement in the Rajya Sabha is

- (A) 25
- (B) 50
- (C) 100
- (D) 126

40. Which of these Houses is presided over by a non-Member?

- (A) Lok Sabha
- (B) Rajya Sabha
- (C) Vidhan Sabha
- (D) All of the above

Please Turn Over

41. A person can be a member of the Council of Ministers without being a Member of Parliament for the maximum period of
- (A) one month
 - (B) three months
 - (C) six months
 - (D) one year
42. The Legislative Council in a State can be abolished by the Parliament on the recommendation of
- (A) the State Legislative Assembly
 - (B) the Governor
 - (C) the President
 - (D) None of the above
43. Decisions regarding disqualification of members of Lok Sabha are taken by the
- (A) Parliamentary Secretary
 - (B) Minister for Parliamentary Affairs
 - (C) Prime Minister
 - (D) Speaker
44. On receipt of a Constitution Amendment Bill, having been passed by both Houses of the Parliament, the President
- (A) may give his assent.
 - (B) may withhold his assent.
 - (C) may return the Bill for reconsideration.
 - (D) shall give his assent.
45. Under Article 321 of the Constitution, the power to extend functions of the Union Public Service Commission has been vested in the
- (A) Chairman of the Commission
 - (B) Ministry of Home Affairs
 - (C) Parliament
 - (D) President
46. Any sum required to satisfy any judgment, decree or award of any court or arbitral tribunal shall be charged on
- (A) Consolidated Fund of India
 - (B) Fund of Ministry of Law & Justice
 - (C) Fund of Ministry of Home Affairs
 - (D) Prime Minister's Relief Fund
47. Who has the power to dissolve the House of the People?
- (A) Speaker
 - (B) Prime Minister
 - (C) President
 - (D) Council of Ministers
48. What can be the maximum interval between two sessions of each House of the Parliament?
- (A) Three months
 - (B) Six months
 - (C) Nine months
 - (D) One year
49. Which provision of the Constitution gives the Governor of a State power to grant pardon in certain cases?
- (A) Article 151
 - (B) Article 155
 - (C) Article 161
 - (D) Article 165
50. Which provision of the Constitution provides for the adjudication of disputes relating to waters of inter-State rivers?
- (A) Article 258
 - (B) Article 260
 - (C) Article 262
 - (D) Article 264

51. 'Doctrine of pleasure' was introduced in

- (A) Article 310
- (B) Article 312
- (C) Article 317
- (D) Article 318

52. Disputes between States in India comes to the Supreme Court under its

- (A) advisory jurisdiction
- (B) appellate jurisdiction
- (C) original jurisdiction
- (D) None of the above

53. Who among the following can establish additional courts for better administration of any existing law with respect to a matter concerned in the Union List?

- (A) Chief Justice of India
- (B) Concerned State Legislature
- (C) High Court of the concerned State
- (D) Parliament

54. The doctrine of prospective overruling was first evolved by Justice Subba Rao in

- (A) Golaknath v. State of Punjab
- (B) Keshavananda Bharti v. State of Kerala
- (C) Sajjan Singh v. State of Rajasthan
- (D) Shankari Prasad v. Union of India

55. A retired judge of a High Court cannot practise

- (A) in any High Court in India
- (B) in the High Court from where he has retired
- (C) in the Supreme Court
- (D) All of the above

56. In which of the following cases has the Supreme Court ruled that the reasons have to be communicated to the Legislature by the Government if the advice of the Public Service Commission has not been accepted?

- (A) Asha Kaul v. State of Jammu & Kashmir
- (B) H. Mukherjee v. Union of India
- (C) Jai Shankar Prasad v. State of Bihar
- (D) Jagtar Singh v. Director, Central Bureau of Investigation

57. The jurisdiction of the Supreme Court may be enlarged by

- (A) the Parliament by law
- (B) the Parliament by resolution
- (C) the President
- (D) the President in consultation with Chief Justice of India

58. Which Article lays down that the laws declared by the Supreme Court would be binding on all Courts in India?

- (A) Article 131
- (B) Article 141
- (C) Article 142
- (D) Article 143

59. Article 227 of the Indian Constitution deals with

- (A) High Court's power of superintendence
- (B) judicial review
- (C) powers of the Speaker
- (D) election of the Vice President

60. The salaries of the Judges of the Supreme Court of India

- (A) are fixed by the President of India.
- (B) can never be reduced under any circumstances.
- (C) can be reduced during their term of office.
- (D) cannot be reduced during the term of their office except during financial emergency.

Please Turn Over

61. Disputes between the Government of India and one or more States can be heard by the Supreme Court of India under its

- (A) original jurisdiction
- (B) appellate jurisdiction
- (C) writ jurisdiction
- (D) advisory jurisdiction

62. "What cannot be done directly cannot be done indirectly". This statement epitomizes the doctrine of

- (A) ancillary powers
- (B) colourable legislation
- (C) implied powers
- (D) pith and substance

63. Which of the following provisions in Part III of the Constitution automatically becomes suspended on proclamation of emergency?

- (A) Article 14
- (B) Article 19
- (C) Article 21
- (D) Article 32

64. A legislation enacted by a State Legislature falls in the category of _____ legislation.

- (A) autonomous
- (B) delegated
- (C) subordinate
- (D) supreme

65. Which of the following is not true?

- (A) Parliament has exclusive power to make law on any matter in the Union List.
- (B) Parliament and State Legislatures have power to make law on any matter in the Concurrent List.
- (C) In certain exceptional circumstances, State Legislatures can make law on the subject given in the Union List.
- (D) Parliament can make laws on subjects in the State List in certain circumstances.

66. Both Parliament and State Legislatures can legislate on

- (A) criminal law and procedure
- (B) economic and social planning
- (C) marriage, contracts and torts
- (D) All of the above

67. The Union Government can assign any function to the States

- (A) on the recommendation of the Parliament.
- (B) on the directive of the President.
- (C) on its own discretion.
- (D) with the consent of the concerned State Government.

68. The Constitutional provision relevant for solving questions of repugnancy between a Central Law and a State Law is found in

- (A) Article 156
- (B) Article 254
- (C) Article 300
- (D) Entry 42, List III

69. The Constitution reserves the residuary powers in the

- (A) President
- (B) Parliament
- (C) Union
- (D) States

70. A change in distribution of powers between the Centre and the States can be done by

- (A) the Union Government
- (B) the States by themselves
- (C) amending the Constitution
- (D) None of the above

71. Which one of the following is no longer considered an adequate ground for the issue of Proclamation of Emergency?

- (A) Armed rebellion
- (B) External aggression
- (C) Internal disturbance
- (D) War

72. Judicial review of proclamation under Article 356 would lie on any one of the following grounds:

- (A) The proclamation has been made upon the consideration which is extraneous or irrelevant.
- (B) Exercise of the power under Article 356 is *mala fide*.
- (C) A statutory order which lacks *bona fide* characteristics.
- (D) All of the above

73. Finance Commission consists of

- (A) Chairman and three other members
- (B) Chairman and four other members
- (C) Four whole time members
- (D) Five members

74. The Parliament has the power to legislate on the subjects of all three Lists in respect of

- (A) Backward areas
- (B) Hill areas
- (C) Scheduled areas
- (D) Union Territories

75. A resolution ratifying a Proclamation of Emergency requires to be passed

- (A) by either House of Parliament.
- (B) by Lok Sabha.
- (C) by both Houses of Parliament in a joint sitting.
- (D) by each House of Parliament in separate sittings with majority of total membership of each House and by majority of not less than 2/3rd of members present and voting.

76. A Constitutional Amendment shall also be ratified by Legislatures of not less than one-half of the States by resolution if it is meant to make any change in

- (A) Fundamental Rights
- (B) Directive Principles
- (C) Fundamental Duties
- (D) Special Provisions

77. Which of the following Amendments to the Constitution inserted the words "Nothing in Article 13 shall apply to any amendment made under this Article" in Article 368?

- (A) 22nd Amendment
- (B) 24th Amendment
- (C) 42nd Amendment
- (D) 44th Amendment

78. When the name of a State is changed or a new State is created, the Constitution is required to be amended by the Parliament by a

- (A) simple majority as required under Articles 107 and 108.
- (B) majority of total members of both the Houses under Article 368.
- (C) special majority under Article 368.
- (D) special majority after obtaining the opinion of the concerned State Legislature under Article 3.

79. The 42nd Constitutional Amendment did not

- (A) add the words 'socialist', 'secular' and 'integrity' to the Preamble.
- (B) add fundamental duties.
- (C) delete the right to property clause from Article 19.
- (D) amend Article 353 relating to Proclamation of Emergency.

80. Which of the following Constitutional Amendments was enacted to deal with issues of national integration in the 1960s, enabling the State to impose by law reasonable restrictions on the exercise of the fundamental right to freedom guaranteed in Article 19 in the interests of the sovereignty and integrity of India?

- (A) 15th Amendment
- (B) 16th Amendment
- (C) 17th Amendment
- (D) State was never given such power

Please Turn Over

* 81. Which of the following Amendments added anti-defection provisions in the Constitution?

- (A) 41st Amendment
- (B) 42nd Amendment
- (C) 43rd Amendment
- (D) 44th Amendment

82. Which of the following were not inserted in Part IV of the Constitution by the 42nd Amendment?

- (A) Free legal aid to economically backward classes.
- (B) Participation of workers in the management of organization engaged in any industry.
- (C) Protection and improvement of environment.
- (D) Organisation of Village Panchayats.

83. National Capital Territory of Delhi was constituted by

- (A) Ordinance promulgated by the Lieutenant Governor.
- (B) Ordinance promulgated by the President.
- (C) 71st Amendment.
- (D) 69th Amendment.

84. The Union Public Service Commission has advisory power in the following matters:

- (A) Methods of recruitment to civil service
- (B) Disciplinary matters affecting a public servant
- (C) Both of the above
- (D) None of the above

85. The term of the members of a State Public Service Commission is of

- (A) 5 years
- (B) 6 years
- (C) 10 years
- (D) None of the above

86. The tenure of Gram Panchayat and Nagarpalika shall be for

- (A) 3 years
- (B) 4 years
- (C) 5 years, unless dissolved earlier
- (D) co-extensive with the term of legislative assembly

87. Election to the Gram Panchayats are

- (A) to be direct on the basis of adult franchise
- (B) by indirect method
- (C) by Legislature of the States
- (D) None of the above

88. A Union Territory is administered by

- (A) the Governor of the territory.
- (B) the President of India directly.
- (C) the President of India through an administrator appointed by him called the Lieutenant Governor.
- (D) the Chief Minister of the territory and his Council of Ministers.

* 89. Provisions relating to Union Public Service Commission and State Public Service Commissions are contained in

- (A) Part XIV Chapter I, Articles 315-323
- (B) Part XIV Chapter II, Articles 315-323
- (C) Part XIV Chapter I, Articles 308-318
- (D) Part XIV Chapter II, Articles 308-318

90. A member of a State Public Service Commission can be removed on the ground of misbehaviour only after the enquiry has been held by

- (A) Joint Parliamentary Committee.
- (B) Committee constituted by the Governor of the concerned State.
- (C) High Court of the concerned State.
- (D) Supreme Court of India.

91. The Tenth Schedule of the Constitution deals with

- (A) defections
- (B) the Election Commission
- (C) the Finance Commission
- (D) Other Backward Classes

92. Which Article provides for procedure in Parliament with respect to Estimates?

- (A) Article 110
- (B) Article 111
- (C) Article 113
- (D) Article 114

93. Who nominates the Chairman of Public Accounts Committee of the Parliament?

- (A) Chairman of Rajya Sabha
- (B) President
- (C) Prime Minister
- (D) Speaker of Lok Sabha

94. Finance Commission is constituted by the President every

- (A) 2 years
- (B) 3 years
- (C) 4 years
- (D) 5 years

95. By virtue of its special status, the State of Jammu & Kashmir has a separate

- (A) Constitution
- (B) defence force
- (C) judiciary
- (D) All of the above

96. The Union Public Service Commission submits its annual report on its work to

- (A) the Chief Justice of India
- (B) the Parliament
- (C) the President
- (D) the Union Home Minister

97. The Election Commission is responsible for the conduct of election to

- (A) Parliament
- (B) State Legislature
- (C) Offices of President and Vice President
- (D) All of the above

98. The Indian Independence Act, 1947, came into force on

- (A) 3rd June, 1947
- (B) 18th July, 1947
- (C) 26th July, 1947
- (D) 14th August, 1947

99. The first session of the Constituent Assembly was held on

- (A) 15th August, 1947
- (B) 26th January, 1946
- (C) 9th December, 1946
- (D) 26th November, 1949

100. The Constitution of India was adopted by the Constituent Assembly on

- (A) 15th August, 1947
- (B) 25th August, 1949
- (C) 26th November, 1949
- (D) 26th January, 1950

Please Turn Over

101. Which of the following is not a quantitative credit control tool of RBI?

- (A) Bank Rate
- (B) Margin requirements
- (C) SLR
- (D) Open market operation

102. _____ is the regulator of mutual funds in India.

- (A) RBI
- (B) SEBI
- (C) Both SEBI and GOI
- (D) IRDA

103. Fully automated screen based trading system NSE is known as

- (A) BOLT
- (B) NEAT
- (C) ALBM
- (D) BLISS

104. _____ is the venture capital assistance at the stage where the project started to fetch profit but not reached in its full efficiency.

- (A) Start up Capital
- (B) Bridge Capital
- (C) Mezzanine Capital
- (D) Seed Capital

105. Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest (SARFAESI) Act passed in the year

- (A) 1992
- (B) 2005
- (C) 2002
- (D) 2000

106. Which one of the following is an example of derivative?

- (A) Warrants
- (B) Swaptions
- (C) Baskets
- (D) All of the above

107. In Pradhan Mantri Fasal Bima Yojana (PMFBY), the timeline of how many months is set for settlement of claims by insurance companies after the completion of crop cutting experiments/harvesting period?

- (A) One
- (B) Two
- (C) Three
- (D) Four

108. According to the data released by the Central Statistics Office (CSO), the Indian economy is likely to grow at what per cent in the financial year (2018-19)?

- (A) 6.7 per cent
- (B) 6.9 per cent
- (C) 7.2 per cent
- (D) 7.4 per cent

109. According to the World Economic Forum's (WEF) report titled 'Future of Consumption in Fast-Growth Consumer Market - India', what will be India's ranking as the world's largest consumer market by 2030?

- (A) Second
- (B) Third
- (C) Fourth
- (D) Fifth

110. Which of the following is one of the states which has topped NITI Aayog's Index of Indian States' performance on various UN Sustainable Development Goals (SDGs)?

- (A) Karnataka
- (B) Gujarat
- (C) Maharashtra
- (D) Kerala

111. The Govt. has decided to provide what per cent interest subsidy to merchant exporters, entailing an expenditure of Rs. 600 cr?

- (A) 2 per cent
- (B) 3 per cent
- (C) 4 per cent
- (D) 5 per cent

112. Which of the following are considered to be Stressed Assets of Banks?

- (A) NPAs
- (B) Restructured Loans
- (C) Written off Assets
- (D) All of the above

113. Which authority is entrusted with the task of overseeing implementation of Sustainable Development Goals in India?

- (A) NITI Aayog
- (B) PMO
- (C) Cabinet
- (D) None of the above

114. Consider the following statements regarding Prompt Corrective Action Plan of RBI:

- (i) PCA norms permit RBI to put in place certain restrictions such as halting branch expansion and stopping dividend payment etc.
- (ii) The norms are also capable of even capping a bank's lending limit to one entity or sector.
- (iii) Under PCA, the RBI is also capable of superseding the bank's board.

Select the correct answer:

- (A) (i) and (ii) only
- (B) (i) and (iii) only
- (C) (ii) and (iii) only
- (D) (i), (ii) and (iii)

115. Consider the following statements:

- (i) Economic Advisory Council to the Prime Minister is a non-constitutional, permanent and independent body.
- (ii) It advises the Prime Minister on whole heart of economic issues like inflation, microfinance, industrial output etc.

Which of the above statement(s) is/are correct?

- (A) (i) only
- (B) (ii) only
- (C) Both (i) and (ii)
- (D) None of the above

116. The Green Revolution in agriculture has made the Indian farmers dependent on

- (A) Machines
- (B) Fertilizers and Pesticides
- (C) Indigenous
- (D) Availability of Micro-nutrients

117. NABARD is associated with

- (A) industrial development
- (B) urban development
- (C) rural development
- (D) development of railways

118. Bank Rate is an instrument of

- (A) credit control
- (B) reducing fiscal deficit
- (C) reducing deficit financing
- (D) increasing tax revenue

119. In which year was the Reserve Bank of India established?

- (A) 1935
- (B) 1940
- (C) 1947
- (D) 1949

Please Turn Over

120. Which one of the following rates is not determined by the Reserve Bank of India?

- (A) CRR
- (B) SLR
- (C) Repo Rate
- (D) Prime Lending Rate

121. 'Planned Economy for India' — The book was written by

- (A) Sir M. Visvesvarayya
- (B) J.L. Nehru
- (C) S.N. Agarwal
- (D) M.N. Roy

122. Planning Commission has been scrapped on

- (A) January 1, 2015
- (B) August 13, 2014
- (C) January 22, 2015
- (D) July 2, 2015

123. The now defunct Planning Commission was set up on

- (A) March 15, 1950
- (B) August 6, 1952
- (C) September 1, 1951
- (D) None of the above

124. The aim of the Third Five Year Plan (1961 - 66) was

- (A) rapid industrialisation.
- (B) growth with stability and progress towards self-reliance.
- (C) self-reliant and self-generating economy.
- (D) removal of poverty and attainment of self-reliance.

125. It is an urban renewal and retrofitting program with a mission to develop 100 cities all over the country making them citizen friendly and sustainable.

What is it?

- (A) Start up India
- (B) Skill India
- (C) Swachh Bharat Abhijan
- (D) Smart City Mission

126. Aims to achieve an Open-Defecation Free (ODF) India by October 2, 2019. It is —

- (A) Ujala Yojana
- (B) P. M. Mudra Loan Bank Yojana
- (C) Swachh Bharat Abhiyan
- (D) Deen Dayal Upadhyaya Gram Jyoti Yojana

127. $GNP = GDP + X - M$

where M means

- (A) income earned and received by nationals within the boundaries of foreign countries.
- (B) income received by foreign nationals from within the country.
- (C) volume of commodities and services produced during the accounting year.
- (D) indirect taxes and subsidies.

128. $GDP(\text{at market price}) - NIT = ?$

- (A) NNP (at market price)
- (B) GNP (at factor cost)
- (C) NDP (at market price)
- (D) NNP (at factor cost)

129. Who is the author of the book 'Poverty and Un-British Rule in India'?

- (A) Dadabhai Naoroji
- (B) Amartya Sen
- (C) Pranab Mukherjee
- (D) Amit Mitra

130. Area of Black Revolution:

- (A) Oil seeds
- (B) Fish
- (C) Cotton
- (D) Petroleum production

131. MSMEs Development Act, 2006 defines Medium Service Sector

- (A) above Rs. 2 crore to Rs. 5 crore.
- (B) above Rs. 5 crore to Rs. 10 crore.
- (C) up to Rs. 25 lakh.
- (D) above Rs. 10 lakh to Rs. 2 crore.

132. Find the odd one in the list of Navaratnas (IT):

- (A) Bharat Electronics Limited (BEL)
- (B) Rashtriya Ispat Nigam Limited (RINL)
- (C) National Thermal Power Corporation (NTPC)
- (D) Hindustan Aeronautics Limited (HAL)

133. Industrial sickness due to the managerial incompetence and wrong policies pursued deliberately for want of genuine stake is known as

- (A) Genuine sickness
- (B) Incipient sickness
- (C) Induced sickness
- (D) None of the above

134. 1st Governor of RBI is

- (A) Osborne Smith
- (B) CD Deshmukh
- (C) Raghu Ram Rajan
- (D) Urjit Patel

135. EXIM Bank was set up

- (A) January 1, 1982
- (B) April 15, 1980
- (C) September, 1993
- (D) October, 1975

136. Variation in margin requirements —

- (A) Quantitative credit control
- (B) Qualitative credit control
- (C) Both (A) and (B)
- (D) None of the above

137. In case RBI wants to make it more expensive for the banks to borrow money it _____

- (A) increases the repo rate
- (B) reduces the repo rate
- (C) increases in the reverse repo rate
- (D) decreases reverse repo rate

138. There are three main treasury bills in India

- (A) 91 day, 182 day and 364 day
- (B) 92 day, 183 day and 365 day
- (C) 93 day, 184 day and 366 day
- (D) None of the above

Please Turn Over

139. An instant real-time inter-bank electronic funds transfer system, which offers an inter-bank electronic fund transfer service through mobile phones known as

- (A) RTGS
- (B) NEFT
- (C) IMPS
- (D) UPI

140. An investment plan in which the Company pays return to investors from the new capital coming in from new investors instead of the profits of the business known as

- (A) Underwriting
- (B) Ponzi scheme
- (C) Mutual fund
- (D) Para Banking

141. Magnetic Ink Character Recognition (MICR) code is a

- (A) 7 digit code
- (B) 8 digit code
- (C) 9 digit code
- (D) 10 digit code

142. Securities and Exchange Board of India (SEBI) was given statutory status and powers through an ordinance promulgated on

- (A) January 30, 1992
- (B) April 12, 1988
- (C) April 10, 1992
- (D) April 19, 2000

143. The illegal practice of trading on the stock exchange to one's own advantage through having access to confidential information is known as

- (A) Bull market
- (B) Bear market
- (C) Insider trading
- (D) Initial Public Offering (IPO)

144. Withdrawal of currency from circulation to ambush black market specially Rs. 500 and Rs. 1000 banknotes were demonetized, although Rs. 500 note was remonetized on—

- (A) January, 1946
- (B) January, 1978
- (C) November, 2016
- (D) None of the above

145. A currency with a value that fluctuates as a result of the country's political or economic uncertainty is known as

- (A) Hard Currency
- (B) Soft Currency
- (C) Both (A) and (B)
- (D) None of the above

146. A condition of slow economic growth and relatively high unemployment—economic stagnation—accompanied by rising prices is known as

- (A) Stagflation
- (B) Hyper-inflation
- (C) Demand-pull inflation
- (D) Cost push inflation

147. Since April 2014 the Reserve Bank of India has adopted the new measure of inflation which is known as

- (A) Consumer Price Index
- (B) New Consumer Price Index
- (C) Wholesale Price Index
- (D) None of the above

148. The Gold Monetization Scheme introduced by the Government of India in

- (A) 2015
- (B) 2016
- (C) 2017
- (D) 2018

149. Money policy increases the inflation rate is known as

- (A) Cheap money policy
- (B) Dear money policy
- (C) Hot money
- (D) Flat money

150. The instruments issued by registered FIIS to overseas investors, who wish to invest in Indian stock markets without registering themselves with SEBI - known as

- (A) Certificates of Deposit (CDs)
- (B) Participatory notes (P-notes)
- (C) Currency Derivatives
- (D) Foreign exchange reserves

151. Find the odd one out:
India's Top Imports include

- (A) Gems
- (B) Precious Metals
- (C) Oil
- (D) Diamond

152. Find the odd one out:

Direct-Taxes are

- (A) Income Tax
- (B) Capital gains Tax
- (C) Securities Transaction Tax (STT)
- (D) Goods and Services Tax (GST)

153. The scheme encourages parents to build a fund for the future education and marriage expenses for their female child, backed by Government of India. The scheme is

- (A) Sukanya-Samridhi Yojana
- (B) Beti Bachao, Beti Padhao
- (C) Atal Pension Yojana
- (D) P.M. Jan Suraksha Yojana

154. Pradhan Mantri Ujjwala Yojana was launched in

- (A) 2014
- (B) 2015
- (C) 2016
- (D) 2017

155. The chief promoter of National Securities Depository Limited (NSDL) is

- (A) NABARD
- (B) NSCCL
- (C) NSE
- (D) BSE

156. The corpus of funds and its duration is fixed in case of _____ fund.

- (A) Open ended
- (B) Close ended
- (C) Balanced
- (D) Income

157. On which bank the RBI has slapped Rs. 1 crore penalty for not monitoring the end use of funds in respect of one of its borrowers?

- (A) Bank of Baroda
- (B) PNB
- (C) SBI
- (D) Allahabad Bank

Please Turn Over

158. The RBI has announced that it will transfer an interim surplus of INR _____ to the Central Government for the half year ended 31st December 2018.

- (A) Rs. 28,000 crore
- (B) Rs. 20,000 crore
- (C) Rs. 30,000 crore
- (D) Rs. 25,000 crore

159. The RBI raised the limit of collateral free agricultural loans to Rs. 1.6 lakh from the current _____ with a view to help small and marginal farmers.

- (A) Rs. 50,000
- (B) Rs. 1 lakh
- (C) Rs. 1.5 lakh
- (D) Rs. 80,000

160. Indian Banking Association has issued advisory requesting banks to waive off the processing, documentation, inspection and all other service charges for Kisan Credit Card and crop loans up to INR _____.

- (A) Rs. 2 lakh
- (B) Rs. 3 lakh
- (C) Rs. 4 lakh
- (D) Rs. 4.50 lakh

161. India's fiscal deficit has touched _____ of the FY 19 Budget target of Rs. 6.24 lakh crore during the period of 9 months from April to December 2018.

- (A) 90%
- (B) 100%
- (C) 112%
- (D) 115%

162. What is the name of the mega pension scheme announced in Interim Budget 2019 under which Rs. 3,000 per month pension for 10 crore unorganised sector workers has been proposed for contribution of Rs. 100/55 per month?

- (A) Pradhan Mantri Shram Yogi Maandhan
- (B) PM-Kisan Samman
- (C) PM Jan Suraksha Bima Yojana
- (D) Sukanya Samridhi Yojana

163. Which State Govt. has announced interest free loans of up to three lakh rupees for women self-help group (WSHG) in the state?

- (A) West Bengal
- (B) Rajasthan
- (C) Chattisgarh
- (D) Odisha

164. The public sector banks in India have the largest number of branches in which of the following countries?

- (A) Singapore
- (B) UAE
- (C) UK
- (D) Hong Kong

165. Rythu Bandhu Scheme is implemented in which State? The state gov't. provides an income support of Rs. 4000 per acre per season to farmers under the scheme:

- (A) Odisha
- (B) Assam
- (C) Telengana
- (D) Kerala

166. Which State has announced new temporary cow shelters in the urban and rural areas and imposition of a cess on excise duty for the same?

- (A) Madhya Pradesh
- (B) Rajasthan
- (C) Uttar Pradesh
- (D) Haryana

167. Which State has emerged on top of Asia Competitiveness Institute (ACI), Singapore's 2018 Ease of Doing Business Index?

- (A) Rajasthan
- (B) Gujarat
- (C) Delhi
- (D) Andhra Pradesh

168. The RBI has said that PPI users will have no liability if they report fraud within three days. Hence the term PPI stands for

- (A) Postpaid Payment Instruments
- (B) Permitted Payment Instruments
- (C) Primary Payment Instruments
- (D) Prepaid Payment Instruments

169. The govt. collected what amount as GST in Dec 2018?

- (A) Rs. 92,726 Cr.
- (B) Rs. 94,726 Cr.
- (C) Rs. 95,726 Cr.
- (D) Rs. 96,726 Cr.

170. Which State Govt. recently announced two welfare initiatives for farmers as part of the 'Krishi Krishak Bondhu' Scheme?

- (A) Odisha
- (B) West Bengal
- (C) UP
- (D) Bihar

171. Who among the following was recently declared 'fugitive economic offender' by a Mumbai Court?

- (A) Nirav Modi
- (B) Lalit Modi
- (C) Subrata Roy
- (D) Vijay Mallya

172. Which country asked the RBI to declare Indian currency notes of denominations higher than Rs. 100 legal tender in that country?

- (A) Maldives
- (B) Nepal
- (C) Bhutan
- (D) Myanmar

173. The RBI has allowed the Small Industries Development Bank of India (SIDBI) to use an existing Rs. 1000 Cr. corpus for lending to

- (A) Microfinance Institutions
- (B) Students
- (C) Payment Banks
- (D) Farmers

Please Turn Over

174. The book 'Changing India' has been penned by who among the followings?

- (A) Pranab Mukherjee
- (B) Amit Shah
- (C) Raghu Ram Rajan
- (D) Manmohan Singh

175. The Indian origin (Mysore-born) economist has joined International Monetary Fund as its Chief Economist. Who is she/he?

- (A) Gita Gopinath
- (B) Amitabh Chaudhury
- (C) Jaideep Govind
- (D) Vishakha Mulye

176. The GST council took a slew of decision aimed at reducing the tax and compliance burden on small and medium enterprises. The limit for eligibility for the Composition Scheme would be raised to an annual turnover of _____ from April, 2019.

- (A) Rs. 1 Cr.
- (B) Rs. 1.5 Cr.
- (C) Rs. 2 Cr.
- (D) Rs. 2.5 Cr.

177. The Reserve Bank of India on January 1, 2019 allowed lenders to recast loans of stressed micro, small and medium enterprises (MSMEs), provided the total fund and non-fund-based exposure to such a borrower does not exceed—

- (A) Rs. 10 Cr.
- (B) Rs. 15 Cr.
- (C) Rs. 20 Cr.
- (D) Rs. 25 Cr.

178. Find the odd one:

India's major import partners are

- (A) China
- (B) The US
- (C) The UAE
- (D) UK

179. Maharatna Oil PSU Indian Oil will invest over _____ in West Bengal in the next two years.

- (A) Rs. 1300 crore
- (B) Rs. 1200 crore
- (C) Rs. 1100 crore
- (D) Rs. 1000 crore

180. Dutch firms are ready to help in setting up port facilities (Logistic Hub) at _____ in West Bengal.

- (A) Calcutta Port
- (B) Haldia Port
- (C) Tajpur and Kulpi
- (D) All of the above

181. The Government of India is amending a clause of the 1991 Treaty of Trade and Transit to explore water routes. Name the other country.

- (A) Bhutan
- (B) Sri Lanka
- (C) Maldives
- (D) Nepal

182. At the NITI Aayog meeting of CMs on 15th June 2019 the P.M said that the goal of making India a _____ economy by 2024 was challenging but achievable.

- (A) \$ 3 trillion
- (B) \$ 4 trillion
- (C) \$ 5 trillion
- (D) \$ 6 trillion

183. State Bank of India has reported a net profit of _____ for the quarter ended March, 2019.

- (A) Rs. 838 crore
- (B) Rs. 738 crore
- (C) Rs. 638 crore
- (D) Rs. 538 crore

184. The man's unique feat: unveiling e-Choupal with an aim to change India's rural economy by empowering farmers. He died on May 11, 2019. Who is he?

- (A) Yogesh Chander Deveshwar (YCD)
- (B) Meera Sanyal
- (C) Masazo Nonaka
- (D) Atal Behari Vajpayee

185. The Govt. has exempted rupee payments made to the oil company NIOC towards the purchase of crude oil from payment of any tax. NIOC belongs to

- (A) Saudi Arabia
- (B) Venezuela
- (C) Cambodia
- (D) Iran

186. Which of the following private sector banks has announced a 'blended finance facility' to rescue salt farmers of Rann of Kutch (Gujarat)?

- (A) HDFC Bank
- (B) ICICI Bank
- (C) YES Bank
- (D) AXIS Bank

187. A loan offered by a group of lenders who work together to provide funds for a single borrower is called

- (A) Bridge Loan
- (B) Assignment
- (C) Overdraft
- (D) Syndicate Loan

188. Andhra Bank has announced to deploy over 1600 BCs to boost financial and non-financial transactions. Here the term BC stands for

- (A) Branch Correspondents
- (B) Bank Centres
- (C) Business Correspondents
- (D) Business Centres

189. The RBI has set up an expert committee to suggest long term solutions for the economic and financial sustainability of the MSME sector. The committee is headed by

- (A) UK Sinha
- (B) Chitra Ramkrishna
- (C) DR Mehta
- (D) Arundhati Bhattacharya

190. Financial Inclusion as per RBI means:

- (A) Greater Consumer Protection for newly included customers.
- (B) An easily accessed and speedy grievance redressal process.
- (C) Expanded efforts on financial literacy.
- (D) All of the above

191. Indian Foreign Exchange Reserves comprises of

- (A) Gold & SDR
- (B) Reserve Tranche Position (RTP) in the IMF
- (C) Foreign Currency Asset (FCA)
- (D) All of the above

192. RBI uses reverse repo to absorb liquidity. The statement is

- (A) True
- (B) False
- (C) Partly True
- (D) Does not apply

Please Turn Over

193. Which among the following will be a debit entry in India's balance of payments?
- (A) Imports of goods by India
 - (B) Income of Indian investments abroad
 - (C) Receipts of transfer payments
 - (D) Exports of services by India
194. In the composition of National Income in India the contribution of the _____ is the highest.
- (A) Primary Sector
 - (B) Secondary Sector
 - (C) Service Sector
 - (D) Social Sector
195. Devaluation of currency leads to:
- (A) Fall in domestic price
 - (B) Increase in domestic price
 - (C) Can't be predicted
 - (D) None of the above
196. What is FEMA?
- (A) First Exchange Management Act
 - (B) Foreign Exchange Management Act
 - (C) Foreign Exchequer Management Act
 - (D) Foreign Evaluation Management Act
197. Which one of the following was launched with the objective of helping the poor in rural areas to become self employed through training?
- (A) DPAP
 - (B) IRDP
 - (C) TRYSEM
 - (D) DDP
198. At the presentation of the Annual Financial Statement before Parliament, a Finance Bill is also presented in fulfilment of the requirement of Article _____ of the Constitution, detailing the imposition, abolition, remission, alteration or regulation of taxes proposed in the Budget.
- (A) Article 110(1)(a)
 - (B) Article 111(1)(a)
 - (C) Article 112(1)(a)
 - (D) Article 113(1)(a)
199. It aims to fast track taxpayer's grievance redressal, ensuring early resolution by integrating all the online and physical grievances received by the department and keeping track of it until it reaches its logical conclusion. What is it?
- (A) Aayakar Seva Kendra
 - (B) Aayakar Setu
 - (C) e-Nivaran
 - (D) TDS SMS alert scheme
200. 'Housing for All by 2022', what is that scheme?
- (A) START UP INDIA
 - (B) AMRUT
 - (C) SKILL INDIA
 - (D) DIGITAL INDIA

1. (i) 'kemp lamp tems' means 'speak the truth';
- (ii) 'bis tim nak' means 'always seek knowledge';
- (iii) 'tim tems sik' means 'knowledge is truth';
- (iv) 'lik bis zap' means 'never seek violence';

Which letter code stands for 'always'?

- (A) nak
- (B) tim
- (C) bis
- (D) zap

2. In a certain code language, 'si po re' means 'book is thick', 'ti na re' means 'bag is heavy', 'ka si' means 'interesting book' and 'de ti' means 'that bag'. What should stand for 'that is interesting' in that code language?

- (A) ka de re
- (B) ti po ka
- (C) ka re na
- (D) de si re

3. If 'air' is called 'green', 'green' is called 'blue', 'blue' is called 'sky', 'sky' is called 'yellow', 'yellow' is called 'water' and 'water' is called 'pink', then what is the colour of clear sky?

- (A) Blue
- (B) Sky
- (C) Yellow
- (D) Pink

4. If in a certain language, CHARCOAL is coded as 45164913 and MORALE is coded as 296137, how is the word ALLOCHRE coded in that language?

- (A) 13396875
- (B) 16693985
- (C) 13394567
- (D) 19943785

5. If GOLD is coded as HOME, COME is coded as DONE, and CORD is coded as DOSE, how would you code SONS?

- (A) TPOT
- (B) TOOT
- (C) TOOS
- (D) TONT

6. Choose the word different from the rest.

- (A) Tibia
- (B) Cortex
- (C) Cranium
- (D) Cerebellum

7. Find the odd one.

- (A) CALORIC
- (B) DRUID
- (C) ELOPE
- (D) FRETFUL

Choose out the odd one. (8 & 9)

8. (A) Phi
(B) Gamma
(C) Peso
(D) Beta

9. (A) Autocracy
(B) Bureaucracy
(C) Diplomacy
(D) Theocracy

21. Find the next term in the series: BMO, EOQ, HQS, ?

- (A) KSU
- (B) LMN
- (C) SOV
- (D) SOW

22. Find out wrong term.

380, 188, 92, 48, 20, 8, 2

- (A) 8
- (B) 20
- (C) 48
- (D) 188

23. In the series 2, 6, 18, 54, ..., what will be the 8th term?

- (A) 4370
- (B) 4374
- (C) 7443
- (D) 7434

Find the missing term in each of the following series: (24 & 25)

24. $11\frac{1}{9}, 12\frac{1}{2}, 14\frac{2}{7}, 16\frac{2}{3}, ?$

- (A) $8\frac{1}{3}$
- (B) $19\frac{1}{2}$
- (C) 20
- (D) $22\frac{1}{3}$

25. 1, 6, 15, ?, 45, 66, 91

- (A) 25
- (B) 26
- (C) 27
- (D) 28

26. Select the lettered pair that has the same relationship as the original pair of words.

Intelligentsia : Elitist

- (A) Commonality : Common class
- (B) Gentry : Public
- (C) Rabble : Plebeian
- (D) Outer Shell : Sea Shell

27. Ecology is related to Environment in the same way as Histology is related to _____.

- (A) Fossils
- (B) History
- (C) Tissues
- (D) Hormones

28. Tectoniss : Building :: Taxidermy : ?

- (A) Classification
- (B) Conserving
- (C) Stuffing
- (D) Collecting

29. Pulp : Paper :: Hemp : ?

- (A) Basket
- (B) Yarn
- (C) Rope
- (D) Cotton

30. Which of the following will not be number of the series?

1, 8, 27, 64, 125,

- (A) 256
- (B) 512
- (C) 729
- (D) 1000

31. A bag contains 4 White shirts, 4 Black shirts and 6 Pink shirts. Two shirts are drawn randomly. What is the probability that at most one shirt is white?

- (A) $\frac{72}{91}$
 (B) $\frac{85}{91}$
 (C) $\frac{62}{91}$
 (D) $\frac{31}{91}$

Direction (Question Nos. 32-36): Study the following information and answer the questions given below:

There are seven friends T, U, V, W, X, Y and Z who work in seven different shops — Oswal, Max, Vmart, Reliance Fresh, Walmart, Easyday and Big Bazar, but not necessarily in the same order. Each of them likes a different colour — Black, Blue, Red, White, Orange, Green and Yellow — but not necessarily in the same order.

- V works in Oswal and he likes neither Red nor Orange.
- X does not work in Vmart.
- Z works in Big Bazar and likes Green colour.
- W likes White and works in Max.
- The one who works in Easyday likes Blue colour.
- X and Y do not work in Reliance Fresh and neither of them likes Orange colours.
- U works in Walmart and likes Yellow colour.

32. X works in which of the following shops?

- (A) Easyday
 (B) Vmart
 (C) Max
 (D) Big Bazar

33. V likes which of the following colours?

- (A) Black
 (B) Red
 (C) Blue
 (D) Can't be determined

34. Which of the following combinations is true?

- (A) Z-Big Bazar-Green
 (B) V-Oswal-Black
 (C) Y-Vmart-Red
 (D) All are true

35. Who among the following likes Orange colour?

- (A) Y
 (B) X
 (C) V
 (D) T

36. Which of the following statements is true?

- (A) T works in Reliance Fresh and likes Orange colour.
 (B) X works in Vmart and likes Blue colour.
 (C) V likes White colour & works in Oswal.
 (D) None is true.

37. Amongst the following words, which will appear third in the dictionary?

- (A) Immutable
 (B) Immigrate
 (C) Imperative
 (D) Impassioned

Please Turn Over

38. 4, 10, 7, 82, 244, 730

- (A) 26
(B) 28
(C) 40
(D) 48

39. $3\frac{2}{3} + 2\frac{3}{4} + 1\frac{1}{2} = ?$

- (A) $8\frac{11}{12}$
(B) $10\frac{12}{13}$
(C) $7\frac{11}{12}$
(D) $9\frac{11}{13}$

40. $\frac{5}{8} \times 2\frac{3}{5} \div \frac{4}{9} = ?$

- (A) $2\frac{13}{27}$
(B) $1\frac{11}{27}$
(C) $2\frac{23}{32}$
(D) $3\frac{21}{32}$

41. The position of the first and the fifth digits of the number 81943275 are interchanged. Similarly the position of the second and the sixth digits are interchanged and so on till the fourth and the eighth digits. Which of the following will be the third digit from the right end after the rearrangement?

- (A) 1
(B) 9
(C) 2
(D) 4

42. In a certain code 'BASKET' is written as '553%#1' and 'TRIED' is written as '14*#2'. How is 'SKIRT' written in that code?

- (A) 3%*41
(B) 3*%41
(C) 3%#41
(D) 3#4%1

43. The area of a triangle is equal to the area of a square whose side measures 75 meters. Find the side of the triangle whose corresponding altitude is 125 meters.

- (A) 70 m
(B) 75 m
(C) 90 m
(D) 65 m

Direction (Question Nos. 44-45): Study the following information and answer the question:

There are five trees A, B, C, D and E. E is to the north-east of B, A is 15 m to the east of B, which is 40 m to the west of D. C is to the north-west of A and on the line of BE. A is 30 m to the south of E.

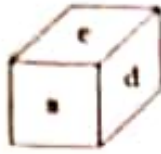
44. What is the distance between tree A and tree D?

- (A) 16 m
(B) 25 m
(C) 35 m
(D) 30 m

45. In which direction is E with respect to D?

- (A) North
(B) East
(C) North-West
(D) South-West

46. In a dice a, b, c and d are written on the adjacent faces, in a clockwise order and e and f at the top and bottom. When c is at the top, what will be at the bottom?

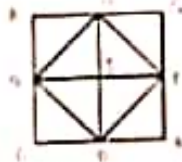


- (A) a
(B) b
(C) c
(D) Data insufficient

47. Which of the following collections of letters will look the same in the mirror?

- (A) OSMIHOM
(B) VHRTRVH
(C) HIMOSTA
(D) AOVIVOA

48. Count the number of triangles:



- (A) 16
(B) 12
(C) 8
(D) 4

Which is Implicit (Question Nos. 49-50):

49. Statement : Smoking is injurious to health. — A warning printed on the cigarette packets

- Assumptions: (I) People read printed matter on a cigarette packet
(II) People take careful note of a warning
(III) Non-Smoking promotes health
(IV) None of the above

- (A) None is Implicit
(B) Only I and II are Implicit
(C) All are Implicit
(D) Only II and III are Implicit.

50. Statement : The Reserve Bank of India has directed the banks to refuse fresh loans to major defaulters.

- Assumptions: (I) The banks may still give loans to the defaulters.
(II) The defaulters may repay the earlier loans to get fresh loans.
(III) The banks may recover the bad loans through such harsh measures.

- (A) None is Implicit.
(B) Only I and II are Implicit.
(C) All are Implicit.
(D) Only II and III are Implicit.

Please Turn Over

51. Choose out the odd one.

- (A) Pupil
- (B) Iris
- (C) Cornea
- (D) Medulla

52. In a certain code, BREAKTHROUGH is written as EAOUHRBRGHKT. How is DISTRIBUTION written in that code?

- (A) TISTBUONDIRI
- (B) STTIBUONRIDI
- (C) STTIBUDIONRI
- (D) RISTTIBUDION

53. If 'ski rps tri' stands for 'nice Sunday morning', 'tel sti rps' stands for 'every Tuesday morning' and 'ski ptr qlm' stands for 'nice market place'; which word stands for 'Sunday'?

- (A) ski
- (B) rps
- (C) tri
- (D) qlm

54. A woman going with a boy is asked by another woman about the relationship between them. The woman replied, "My maternal uncle and the uncle of his maternal uncle is the same." How is the lady related with that boy?

- (A) Grandmother and Grandson
- (B) Mother and Son
- (C) Aunt and Nephew
- (D) None of the above

Direction (Question Nos. 55-59): Read the following information carefully and answer the questions given below it

There are five men A, B, C, D and E and six women P, Q, R, S, T and U. A, B and R are advocates, C, D, P, Q and S are doctors and the rest are teachers. Some teams are to be selected from amongst these eleven persons subject to the following conditions:

- A, P and U have to be together.
- B can not go with D or R.
- E and Q have to be together.
- C and T have to be together.
- D and P can not go together.
- C can not go with Q.

55. If the team is to consist of two advocates, two doctors, two teachers and not more than three ladies, the members of the team are

- (A) A, B, C, P, T, U
- (B) A, C, P, R, T, U
- (C) A, E, P, Q, R, T
- (D) B, C, E, Q, R, T

56. If the team is to consist of one advocate, three doctors and one male teacher, the members of the team are:

- (A) A, D, P, S, U
- (B) C, D, R, S, T
- (C) D, E, Q, R, S
- (D) D, E, Q, R, T

57. If the team is to consist of one male advocate, one male doctor, one lady doctor and two teachers, the members of the team are

- (A) A, C, P, T, U
- (B) A, D, E, P, T
- (C) A, D, E, P, U
- (D) B, C, E, Q, U

58. If the team is to consist of one advocate, two doctors, three teachers and C may not go with T, the members of the team are

- (A) A, E, P, Q, S, U
- (B) A, E, P, Q, T, U
- (C) B, E, Q, S, T, U
- (D) E, Q, R, S, T, U

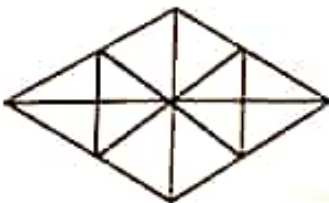
59. If the team is to consist of two male advocates, two lady doctors and one teacher, the members of the team are

- (A) A, B, P, Q, U
- (B) A, B, P, U, S
- (C) A, P, R, S, U
- (D) B, E, Q, R, S

60. Choose group of letters different from others.

- (A) DXCLQZ
- (B) PFZUBM
- (C) XGKNTY
- (D) GJMQVX

61. Find the number of triangles



- (A) 16
- (B) 22
- (C) 28
- (D) 32

62. $\frac{4}{9}, \frac{9}{20}, ?, \frac{39}{86}$

- (A) $\frac{17}{40}$
- (B) $\frac{19}{42}$
- (C) $\frac{20}{45}$
- (D) $\frac{29}{53}$

63. Find the term which does not fit into the series given below:

G4T, J10R, M20P, P43N, S90L

- (A) G4T
- (B) J10R
- (C) M20P
- (D) P43N

64. Botany : Plants :: Entomology : ?

- (A) Snakes
- (B) Insects
- (C) Birds
- (D) Germs

65. Select the lettered pair that has the same relationship as the original pair of words:

Ogle : Observe

- (A) Flaunt : Display
- (B) Discern : Perceive
- (C) Clamour : Despite
- (D) Haggle : Outbid

Please Turn Over

66. Choose out the odd one.

- (A) Radium
- (B) Thorium
- (C) Sodium
- (D) Polonium

67. In a certain language, MIRACLE is coded as NKUEHRL, then how is GAMBLE coded in that language?

- (A) JDOCMF
- (B) CLEMNK
- (C) HCFPQK
- (D) AELGMN

68. In a certain code language, STRING is written as % = * - \$ + and PRAISE as ? * @ - % x. How will the word GRAPES be written in that code language?

- (A) + * @ x ? %
- (B) + @ * ? x %
- (C) + * @ ? x %
- (D) None of the above

69. Pointing out to a Lady, Rajan said, "She is the daughter of the woman who is the mother of the husband of my mother." Who is the lady to Rajan?

- (A) Aunt
- (B) Granddaughter
- (C) Daughter
- (D) Sister-in-law

Read the information to answer the questions (Question Nos. 70-71):

Nine cricket fans are watching a match in a stadium. Seated in one row, they are J, K, L, M, N, O, P, Q and R. L is at the right of M and at third place at the right of N. K is at one end of the row. Q is seated adjacent to both O and P. O is at the third place at the left of K. I is right next to left of O.

70. Who is at the other end of the row?

- (A) J
- (B) N
- (C) P
- (D) R

71. Who is sitting at the centre of the row?

- (A) L
- (B) J
- (C) O
- (D) Q

72. A rat runs 20' towards East and turns to right, runs 10' and turns to right, runs 9' and again turns to left, runs 5' and then turns to left, runs 12' and finally turns to left and runs 6'. Now which direction is the rat facing?

- (A) East
- (B) West
- (C) North
- (D) South

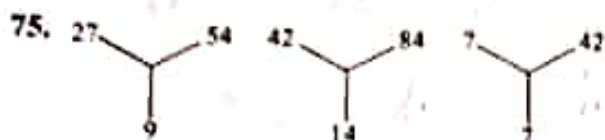
73. If + means \times , \times means $-$, $-$ means $+$ and $-$ means $+$, then which of the following gives the result of

$$175 - 25 + 5 + 20 \times 3 + 10 ?$$

- (A) 77
- (B) 160
- (C) 240
- (D) 2370

74. In a group of cows and hens, the number of legs are 14 more than twice the number of heads. The number of cows is

- (A) 5
(B) 7
(C) 10
(D) 12



- (A) 12
(B) 21
(C) 24
(D) 35

Give answers (Question Nos. 76-77):

- (A) Only conclusion I follows
(B) Only conclusion I and II follows
(C) Either conclusion I or II follows
(D) Both conclusions I and II follows

76. Statements : All men are married. Some men are educated.

Conclusions: I Some married are educated.
II Some educated are married.

77. Statements : Some papers are pens. Angle is a paper.

Conclusion : I Angle is not a pen.
II Angle is a pen.

78. If on a tough day you are the only person available to handle the customers, you should

- (A) ask for additional help from the boss.
(B) take leave and go back home.
(C) just do your part of the work.
(D) try and work to the maximum of your ability to satisfy customers.

79. $2 \begin{matrix} 8 \\ \textcircled{36} \\ 6 \end{matrix} 6 \quad 2 \begin{matrix} 7 \\ \textcircled{46} \\ 8 \end{matrix} 5 \quad 4 \begin{matrix} 7 \\ \textcircled{?} \\ 10 \end{matrix} 6$

- (A) 42
(B) 46
(C) 48
(D) 50

80. A waiter's income consists of his salary and tips. During one week his tips were $\frac{5}{4}$ of his salary. What fraction of his income came from tips?

- (A) $\frac{4}{9}$
(B) $\frac{5}{4}$
(C) $\frac{5}{8}$
(D) $\frac{5}{9}$

81. Arrange the following in a logical order:

1. Shoulder 2. Wrist 3. Elbow
4. Palm 5. Finger

- (A) 2, 4, 5, 3, 1
(B) 3, 1, 4, 2, 5
(C) 3, 4, 5, 2, 1
(D) 5, 4, 2, 3, 1

82. If P denotes +, Q denotes -, R denotes \times and S denotes \div , which of the following statements is correct?

- (A) $36 R 4 S 8 Q 7 P 4 = 10$
(B) $16 R 12 P 49 S 7 Q 9 = 200$
(C) $32 S 8 R 9 = 160 Q 12 R 12$
(D) $8 R 8 P 8 S 8 Q 8 = 57$

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83. Nitin ranks eighteenth in a class of 49 students. What is his rank from the last?

- (A) 18
- (B) 19
- (C) 31
- (D) 32

In each of these questions, jumbled letters of a meaningful word are given. You are to rearrange these letters and select from the given alternatives the word which is almost opposite in meaning to the rearranged word (Question Nos. 84-86):

84. YPCUIAT

- (A) Surplus
- (B) Scarcity
- (C) Presence
- (D) Richness

85. SAYMTNE

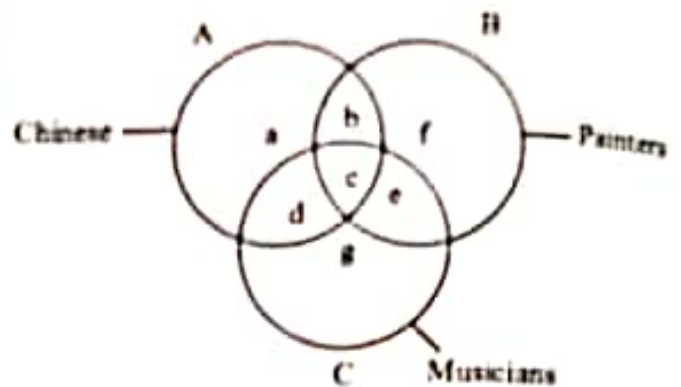
- (A) Hostility
- (B) Acquittal
- (C) Immunity
- (D) Punishment

86. MRPBLOE

- (A) Reply
- (B) Solution
- (C) Answer
- (D) Resolution

Directions (Question Nos. 87-90):

Choose the letter of the region which correctly represents the statement.



87. Chinese who are Painters but not Musicians—

- (A) b
- (B) c
- (C) d
- (D) g

88. Painters who are neither Chinese nor Musicians—

- (A) b
- (B) c
- (C) f
- (D) g

89. Chinese who are Musicians but not Painters—

- (A) d
- (B) c
- (C) b
- (D) a

90. Chinese who are Painters as well as Musicians—

- (A) a
- (B) b
- (C) c
- (D) d

91. Which of the following words will come second in the English dictionary?

- (A) Magical
- (B) Magnify
- (C) Magnetic
- (D) Maternal

92. Kailash walks 3 km to East and turns South and walks 4 km. Again turns West and walks 6 km. How far is he from the starting point?

- (A) 7 km
- (B) 5 km
- (C) 6 km
- (D) 3 km

93. I am facing south. I turn right and walk 20 m. Then I turn right again and walk 10 m. Then I turn left and walk 10 m and then turning right walk 20 m. Then I turn right again and walk 60 m. In which direction am I from the starting point?

- (A) North
- (B) North-West
- (C) East
- (D) North-East

94. Alka is older than Mala, Gopal is older than Mala but younger than Alka. Kapil is younger than Ram and Mala. Mala is older than Ram.

Whose age is between Gopal and Ram?

- (A) Mala
- (B) Kapil
- (C) Alka
- (D) None of the above

95. A, P, R, X, S and Z are sitting in a row. S and Z are in the centre, and A and P are at the ends. R is sitting on the left of A. Then who is sitting on the right of P?

- (A) A
- (B) S
- (C) X
- (D) Z

96. Six students A, B, C, D, E and F are sitting in the field. A and B are from Delhi while the rest are from Bangalore. D and F are tall while others are short. A, C and D are girls while others are boys. Who is the tall girl from Bangalore?

- (A) C
- (B) D
- (C) E
- (D) F

97. Ravi and Kunal are good in Hockey and Volleyball. Sachin and Ravi are good in Hockey and Baseball. Gaurav and Kunal are good in Cricket and Volleyball.

Sachin, Gaurav and Michael are good in football and Baseball. Who is good in Hockey, Cricket and Volleyball?

- (A) Sachin
- (B) Kunal
- (C) Ravi
- (D) Gaurav

98. A is the brother of B, B is the daughter of C and D is the father of A, then how is C related to D?

- (A) Husband
- (B) Wife
- (C) Granddaughter
- (D) Grandfather

Please Turn Over

99. Given that

- (i) A is the mother of B
- (ii) C is the son of A
- (iii) D is the brother of E
- (iv) E is the daughter of B

The grandmother of D is

- (A) A
- (B) B
- (C) C
- (D) E

100. Introducing Reena, Monika said, "She is the only daughter of my father's only daughter". How is Monika related of Reena?

- (A) Aunt
- (B) Niece
- (C) Cousin
- (D) None of the above

101. A weaver cooperative society takes a loan of ₹ 15,000 for buying a power loom. After 5 years, the society has to repay ₹ 22,125 for recovering the loan. Find the rate of simple interest per annum.

- (A) $9\frac{1}{2}\%$ p.a.
- (B) $8\frac{1}{2}\%$ p.a.
- (C) $5\frac{1}{3}\%$ p.a.
- (D) $6\frac{1}{2}\%$ p.a.

102. At the same rate of simple interest per annum, if a principal becomes the amount of ₹ 7100 in 7 years and of ₹ 6200 in 4 years, let us determine the principal amount.

- (A) ₹ 4000
- (B) ₹ 7000
- (C) ₹ 6000
- (D) ₹ 5000

103. Let us calculate the number of years for which the interest of ₹ 600 at the rate of simple interest of 8% per annum will be ₹ 168.

- (A) $5\frac{1}{2}$
- (B) $4\frac{1}{2}$
- (C) $3\frac{1}{2}$
- (D) $2\frac{1}{2}$

104. Sita deposited some money in a bank at the rate of simple interest of 5.25% per annum. After 2 years, she has got ₹ 840 as interest. Let us write by calculating, the money she has deposited into the bank.

- (A) ₹ 8000
- (B) ₹ 10,000
- (C) ₹ 12,000
- (D) ₹ 9000

105. Ten copies of the book can be bought for a certain sum of money payable at the end of 2 years. 12 copies of the same book can be bought for the same sum in ready cash. What is the rate of interest per annum?

- (A) 12%
- (B) 15%
- (C) 10%
- (D) 8%

106. A certain sum amounts to ₹ 17,200 at 12% simple interest per annum in a period in which ₹ 22,080 amounts to ₹ 37,536 at 14% simple interest per annum. Find the sum.

- (A) ₹ 11,250
- (B) ₹ 12,750
- (C) ₹ 12,250
- (D) ₹ 10,750

107. A sum amounts to ₹ 1180 in 3 years and to ₹ 1300 in 5 years. Find the rate of interest.

- (A) 5%
- (B) 6%
- (C) 4%
- (D) 8%

108. A sum of amounts will be doubled in $7\frac{1}{2}$ years. What is the rate per cent?

- (A) $15\frac{2}{3}$
- (B) $16\frac{3}{2}$
- (C) $16\frac{2}{3}$
- (D) $15\frac{3}{2}$

109. A sum of money double itself in 8 years at some rate of interest. In how many years would it treble itself?

- (A) 16 years
- (B) 12 years
- (C) 15 years
- (D) 14 years

110. There is 25% profit if an article is sold at ₹ 150. At what per cent should the selling price be increased so that there will be 30% profit?

- (A) 2.5
- (B) 4
- (C) 5
- (D) 10

111. Paban incurred 10% loss by selling lemon at ₹ 18 per dozen. At what price should he sell each dozen of lemon to make a profit of 10%?

- (A) ₹ 20
- (B) ₹ 22
- (C) ₹ 24
- (D) ₹ 30

112. A shoemaker sold two pairs of shoes at the same price. In the first pair he makes a profit of 20% and in the other pair he makes a loss of 20%. What is his percentage of profit or loss in the whole business?

- (A) 3% loss
- (B) 8% profit
- (C) 5% profit
- (D) 4% loss

113. A milkman mixed water with 60 litres of pure milk and sold the mixture at the cost price thereby made a profit of 25%. Find the quantity of water in the mixture.

- (A) 12 litres
- (B) 15 litres
- (C) 10 litres
- (D) 14 litres

114. In what ratio should the Assam tea at ₹ 40 per kg and Darjeeling tea at ₹ 65 per kg be mixed and sold at ₹ 60 per kg to make an overall profit of 25%?

- (A) 1 : 2
- (B) 2 : 1
- (C) 3 : 2
- (D) 2 : 3

115. A businessman sold an article at a loss of 15%. Had he sold the article at ₹ 100 more he would have gained 10%. At what price did he sell the article?

- (A) ₹ 350
- (B) ₹ 340
- (C) ₹ 360
- (D) ₹ 330

116. A hawker purchases some mangoes at the rate of 9 mangoes for ₹ 5 and sells them at ₹ 8 per dozen. What will be his profit or loss percentage?

- (A) 20% loss
- (B) 25% profit
- (C) 25% loss
- (D) 20% profit

Please Turn Over

117. A businessman purchased 35 kg of pulse at ₹ 525 and sold each kg at the rate ₹ 18. What is his per cent of profit or loss at this?

- (A) 20% loss
- (B) 20% profit
- (C) 25% profit
- (D) 25% loss

118. Selling a radio at ₹ 363.75 there was a loss of 3% of a radio seller. At what price should he sell the radio to make a profit of 10%?

- (A) ₹ 400.50
- (B) ₹ 410.50
- (C) ₹ 412.50
- (D) ₹ 420.50

119. A fruit seller purchased banana at ₹ 30 per dozen and sold each pair at ₹ 7. What is the percentage profit or loss at this?

- (A) 20% profit
- (B) 20% loss
- (C) 40% profit
- (D) 40% loss

120. A retailer getting a discount of 20% on the marked price sells an article at the marked price. Percentage of profit of the retailer is

- (A) 10
- (B) 20
- (C) 25
- (D) 30

121. There is a loss of 11% if an article is sold at ₹ 178. At what price should it be sold to make a profit of 11%?

- (A) ₹ 200
- (B) ₹ 220
- (C) ₹ 222
- (D) ₹ 226

122. A businessman blends Assam tea costing ₹ 70 per kg with Darjeeling tea costing ₹ 110 per kg in the ratio 3 : 1. What should be the selling price per kg of the new mixture to have a profit of 12½% for him?

- (A) ₹ 100 per kg
- (B) ₹ 90 per kg
- (C) ₹ 110 per kg
- (D) ₹ 80 per kg

123. A trader sold a bicycle at a profit of 10%. Had he bought the bicycle at 10% less price and sold it at a price ₹ 12 more, he would have gained 25%. What is the cost price of the bicycle?

- (A) ₹ 500
- (B) ₹ 480
- (C) ₹ 460
- (D) ₹ 450

124. A book seller allowing 12% discount on the marked price of a book made a profit of 10%. What will be his percentage of profit if he sells the book at the marked price?

- (A) 25%
- (B) 30%
- (C) 20%
- (D) 22%

125. The ratio of the manufacturing cost of two sharies is 2 : 5. If the first shari is sold at 15% profit and the second shari is sold at 18% profit then the manufacturer makes a total profit of ₹ 396. Find the cost of manufacture of each shari.

- (A) ₹ 500
- (B) ₹ 590
- (C) ₹ 690
- (D) ₹ 660

126. The ratio of bus and train fares from Burdwan to a certain place is 3 : 4. If the train fare increases by 20% and bus fare by 10%, then what will be the new ratio of bus and train fares?

- (A) 12 : 13
- (B) 11 : 16
- (C) 12 : 15
- (D) 16 : 15

127. When the price of rice increases $12\frac{1}{2}\%$, a man can get 250 gm less rice for ₹ 18. Find the present cost of rice per kg.

- (A) ₹ 8
- (B) ₹ 7
- (C) ₹ 9
- (D) ₹ 7.50

128. Of four numbers, the second number is 20% more than the first, the third is 10% less than the second and the fourth number is 50% more than the third. If the fourth number is 405, find all the numbers.

- (A) 300, 405, 250, 270
- (B) 300, 270, 405, 250
- (C) 275, 290, 310, 380
- (D) 250, 300, 270, 405

129. The expenses for rice, fish and oil of a family are as 12 : 17 : 3. The prices of these articles are increased by 20%, 30% and 50% respectively. By what per cent the expenses for these articles of the family will be increased?

- (A) $27\frac{1}{8}\%$
- (B) $27\frac{1}{7}\%$
- (C) $28\frac{1}{8}\%$
- (D) $29\frac{1}{8}\%$

130. In a certain examination, a candidate answered 25 questions and two-fifth of the rest of the total number of questions and he found that thus he has answered only 60% of the total number of questions. How many questions did he answer?

- (A) 45
- (B) 40
- (C) 55
- (D) 65

131. A man saves 20% of his income. If his expenses be increased by 35%, by what per cent his income is to be raised so that he can save 10% of his income?

- (A) 20%
- (B) 30%
- (C) 25%
- (D) 22%

132. A mixture of milk and water contains $12\frac{1}{2}\%$ of water. How much water should be added to 200 gallons of such mixture so that the new mixture may contain $37\frac{1}{2}\%$ of water?

- (A) 70 gallons
- (B) 100 gallons
- (C) 60 gallons
- (D) 80 gallons

133. One litre of spirit which contains 10% of water is added to 3 litres of spirit containing 7% of water and to this mixture half a litre is added. Find the percentage of water in the final mixture.

- (A) 15%
- (B) 18%
- (C) 20%
- (D) 22%

Please Turn Over

MSC(C)10/19

134. A certain kind of brass is composed of copper, zinc, lead and tin; the ratio of copper to zinc is 1 : 2 of zinc to lead is 3 : 5 and of lead to tin is 7 : 8. Find the quantity of each metal in 213 gm brass.

- (A) 21 gm, 42 gm, 70 gm, 80 gm
- (B) 20 gm, 40 gm, 70 gm, 80 gm
- (C) 20 gm, 40 gm, 70 gm, 90 gm
- (D) 22 gm, 40 gm, 60 gm, 80 gm

135. If 25 men can weave 120 metres of cloth in a day, how many metres of cloth will be woven by 35 men in a day?

- (A) 170 metres
- (B) 168 metres
- (C) 190 metres
- (D) 180 metres

136. 12 men can do a piece of work in 30 days. How many extra men should be engaged to do the work in 20 days?

- (A) 8 men
- (B) 6 men
- (C) 10 men
- (D) 15 men

137. A man and a boy can do a piece of work in 36 days. If the man works alone for the last 10 days, it is completed in 40 days. How long would the boy take to do it alone?

- (A) 85 days
- (B) 100 days
- (C) 80 days
- (D) 90 days

138. A and B together can do a piece of work in 25 days. If B works alone for the last 10 days, it is completed in 30 days. In how many days A alone can do it?

- (A) 50 days
- (B) 60 days
- (C) 40 days
- (D) 55 days

139. 1200 boys and 600 girls are examined in a test. 42% of the boys and 30% of the girls passed. Find the percentage of those who failed.

- (A) 62%
- (B) 70%
- (C) 53%
- (D) 80%

140. If 50 men do a piece of work in 12 days working 8 hours a day. How many hours a day would 60 men have to work in order to do another piece of work twice as great in 16 days?

- (A) 10 hours a day
- (B) 12 hours a day
- (C) 8 hours a day
- (D) 6 hours a day

141. A contractor undertook to finish a road 12 km long in 350 days. But after employing 45 men for 200 days he found that only 4 km of the road had been built. How many additional men must be engaged to finish the work in the given time?

- (A) 70 men
- (B) 80 men
- (C) 75 men
- (D) 85 men

142. A laboratory has to pay ₹ 67.50 for 30 days as gas-bill if it uses 35 gas burners for 6 hours a day. Find the amount to be paid if it uses 30 gas burners for 18 days working 7 hours a day

- (A) ₹ 40.50
(B) ₹ 42.50
(C) ₹ 44.50
(D) ₹ 50.50

143. The cost of printing a magazine of 540 pages with 30 lines on each page and 15 words in each line is ₹ 7200. Find the cost of printing a magazine of 450 pages with 35 lines on each page and 18 words in each line.

- (A) ₹ 9000
(B) ₹ 9400
(C) ₹ 8200
(D) ₹ 8400

144. If a , b , c and x be the 1st, 2nd, 3rd and the 4th proportions respectively, then the value of x will be one of the following:

- (A) $\frac{ab}{c}$
(B) $\frac{ac}{b}$
(C) $\frac{bc}{a}$
(D) $\frac{a}{bc}$

145. The number $\sqrt{7}$

- (A) lies between 1 and 2.
(B) lies between 2 and 3.
(C) lies between 3 and 4.
(D) lies between 6 and 7.

146. $\sqrt{300} - \sqrt{45} + \sqrt{125} - \sqrt{108} - \sqrt{20} - \sqrt{48} = ?$

- (A) 5
(B) 0
(C) 7
(D) 3

147. If the ratio of cost price and selling price is 25 : 26, then what is the percentage of profit?

- (A) 4%
(B) 6%
(C) 8%
(D) 5%

148. There is some loss if an article is sold at ₹ 120. There is same amount of profit if the article is sold of ₹ 140. What is the cost price of the article?

- (A) ₹ 120
(B) ₹ 150
(C) ₹ 130
(D) ₹ 160

149. A man sold a stove for ₹ 423 and incurred a loss of 6%. At what price should it be sold so as to earn a profit of 8%?

- (A) ₹ 480
(B) ₹ 490
(C) ₹ 460
(D) ₹ 486

150. A man sold an article at a gain of 5%. Had he sold it for ₹ 240 more, he would have gained 8%. Find the cost price of the article.

- (A) ₹ 7000
(B) ₹ 9000
(C) ₹ 8000
(D) ₹ 10,000

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151. If 36 bighas of land may be irrigated in 16 days by a well-pump working 15 hours a day. How many days will it take to irrigate 42 bighas of land by the pump working 10 hours a day?

- (A) 30
- (B) 28
- (C) 25
- (D) 32

152. *M* and *N* can finish a work in 15 and 20 days respectively. If they do the work together, find the ratio of their income.

- (A) 3 : 4
- (B) 2 : 3
- (C) 4 : 3
- (D) 3 : 2

153. In a joint business the capitals of *P*, *Q* and *R* are in the ratio $\frac{1}{4} : \frac{1}{3} : \frac{1}{2}$. At the end of the year they make a profit of ₹ 3900. Find how much of the profit *C* will get.

- (A) ₹ 2000
- (B) ₹ 1500
- (C) ₹ 1200
- (D) ₹ 1800

154. In a joint business the capitals of *A* and *B* are in the ratio 3 : 4 and the capitals of *B* and *C* are in the ratio 6 : 5. If *A* gets a profit of ₹ 450, find the profit of *C*.

- (A) ₹ 400
- (B) ₹ 500
- (C) ₹ 600
- (D) ₹ 450

155. In a joint business *X* invests ₹ 6000 for 9 months and *Y* invests ₹ 8000 in some months. They get ₹ 1800 and ₹ 1600 as profit. In the business, the investment of *Y* was for

- (A) 4 months
- (B) 5 months
- (C) 6 months
- (D) 8 months

156. In a partnership business the total profit of *A* and *B* is ₹ 2000. If the capital of *A* is ₹ 6000 and profit is ₹ 1200, then the capital of *B* is

- (A) ₹ 4000
- (B) ₹ 5000
- (C) ₹ 4500
- (D) ₹ 3000

157. Mr. *X* invests ₹ 600 for 5 months and *Y* invests ₹ 500 for 9 months in a business. The part of the profit will be distributed among them in the ratio

- (A) 3 : 2
- (B) 4 : 3
- (C) 6 : 5
- (D) 2 : 3

158. *X*, *Y* and *Z* start a business with ₹ 7200. After 1 year *X*, *Y* and *Z* get ₹ 60, ₹ 90 and ₹ 120 as profit. *Z* invests an amount

- (A) ₹ 1800
- (B) ₹ 2400
- (C) ₹ 2700
- (D) ₹ 3200

159. X and Y jointly start a business with ₹ 1200 and ₹ 800. At the end of the year Y gets ₹ 120 as profit. As a part of profit X will get

- (A) ₹ 200
- (B) ₹ 180
- (C) ₹ 175
- (D) ₹ 150

160. At the starting of the year X and Y jointly start a business with ₹ 24,000 and ₹ 30,000. After 5 months A invests ₹ 12,000 more in the business. At the end of the year if the profit in the business is ₹ 14,030, find the part of the profit of each of them.

- (A) ₹ 8130, ₹ 5900
- (B) ₹ 9130, ₹ 4900
- (C) ₹ 7130, ₹ 6900
- (D) ₹ 6130, ₹ 7900

161. Three friends P , Q and R started a business with the capitals ₹ 15,000, ₹ 10,000 and ₹ 25,000. But at the end of the year, they suffer a loss of ₹ 25,000. How much each will have to pay for the loss?

- (A) ₹ 500, ₹ 750 and ₹ 1000
- (B) ₹ 750, ₹ 500 and ₹ 1250
- (C) ₹ 500, ₹ 750 and ₹ 1150
- (D) ₹ 1000, ₹ 500 and ₹ 700

162. Two friends start a business with the capitals ₹ 16,000 and ₹ 24,000. They make a profit of ₹ 3375 in a year. How much each friend will get as a part of the profit?

- (A) ₹ 1350, ₹ 2025
- (B) ₹ 1525, ₹ 2225
- (C) ₹ 1025, ₹ 1850
- (D) ₹ 1250, ₹ 2225

163. A invested ₹ 6000 for 5 months and B ₹ 5000 for x months in a business. If the profit of A and B be equal, find the value of x .

- (A) 10 months
- (B) 8 months
- (C) 6 months
- (D) 7 months

164. If the rate of increase in population is $r\%$ per year, the population after n years is p ; let us find the population that was n years before.

- (A) $p\left(1 + \frac{r}{100}\right)^n$
- (B) $p\left(1 + \frac{r}{100}\right)^{2n}$
- (C) $p\left(1 + \frac{r}{100}\right)^{-n}$
- (D) $p\left(1 + \frac{r}{100}\right)^{-2n}$

165. Determine the principal amount that at the rate of 5% compound interest per annum become ₹ 615 after two years.

- (A) ₹ 6000
- (B) ₹ 8000
- (C) ₹ 5000
- (D) ₹ 9000

166. If a sum of money doubles itself at the fixed rate of compound interest per annum in n years find in how many years it will become four times.

- (A) $3n$
- (B) n^2
- (C) $2n$
- (D) $3n^2$

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167. Find the rate of compound interest per annum, so that the amount on ₹ 400 for 2 years becomes ₹ 441.

- (A) 6
- (B) 7
- (C) 5
- (D) 9

168. A person deposited ₹ 100 in a bank and got the amount ₹ 121 for two years, the rate of compound interest per annum is

- (A) 10%
- (B) 20%
- (C) 5%
- (D) $10\frac{1}{2}\%$

169. Present price of a machine is ₹ $2p$ and if price of the machine decreases by $2r\%$ in each year, the price of machine after $2n$ years will be

- (A) ₹ $p\left(1 - \frac{r}{100}\right)^n$
- (B) ₹ $2p\left(1 - \frac{r}{50}\right)^n$
- (C) ₹ $p\left(1 - \frac{r}{50}\right)^{2n}$
- (D) ₹ $2p\left(1 - \frac{r}{50}\right)^{2n}$

170. 10 men can do a piece of work in 18 days. In how many days 12 men can do it?

- (A) 12 days
- (B) 15 days
- (C) 10 days
- (D) 16 days

171. The ratio of the principal and the amount (principal along with interest) in 1 year is 8 : 9, the rate of simple interest per annum is

- (A) $11\frac{1}{2}\%$
- (B) $12\frac{1}{2}\%$
- (C) $10\frac{1}{2}\%$
- (D) $13\frac{1}{2}\%$

172. Write the number of years in which the amount becomes twice of the principal having the rate of simple interest $6\frac{1}{4}\%$ per annum.

- (A) 15
- (B) 12
- (C) 18
- (D) 16

173. Calculate the principal whose monthly interest is ₹ 1 having the rate of simple interest of 5% per annum.

- (A) ₹ 300
- (B) ₹ 120
- (C) ₹ 240
- (D) ₹ 480

174. If a principal becomes twice of its amount in 10 years, the rate of simple interest per annum is

- (A) 5%
- (B) 10%
- (C) 15%
- (D) 20%

183. *A* and *B* are partners sharing profits in the ratio of 5 : 4. They admit *C* for $\frac{1}{9}$ th share, which he acquires from *A*. Find out the new profit sharing ratio.

- (A) 3 : 3 : 1
- (B) 2 : 2 : 1
- (C) 4 : 4 : 1
- (D) 5 : 5 : 2

184. *X* and *Y* are partners in a firm sharing profits in the ratio of 3 : 2. They admit *R* as a new partner from 1st April, 2019. *X* gives $\frac{1}{3}$ rd of his share while *Y* gives $\frac{1}{10}$ th from his share. Calculate the sacrificing ratio.

- (A) 3 : 2
- (B) 2 : 1
- (C) 2 : 3
- (D) 1 : 2

185. *P* and *Q* are partners sharing profits in the ratio of 3 : 2. *P* surrenders $\frac{1}{6}$ th of his share and *Q* surrenders $\frac{1}{4}$ th of his share in favour of *R*, a new partner. What is the sacrificing ratio?

- (A) 3 : 2
- (B) 2 : 3
- (C) 1 : 1
- (D) 3 : 1

186. *S* and *T* are partners sharing profits in the ratio of 3 : 2. *W* admitted as a partner. The new profit sharing ratio of *S*, *T* and *W* is 4 : 3 : 2. Find out the sacrificing ratio.

- (A) 3 : 5
- (B) 7 : 3
- (C) 5 : 3
- (D) 3 : 7

187. *P* and *Q* were partners sharing profits in the ratio of 3 : 2. They admit *R* and *S* as new partners. *P* surrenders $\frac{1}{3}$ rd of his share in favour of *R* and *Q* surrenders $\frac{1}{4}$ th of his share in favour of *S*. Calculate the new profit sharing ratio of *P*, *Q*, *R* and *S*.

- (A) 4 : 3 : 2 : 1
- (B) 5 : 4 : 3 : 2
- (C) 4 : 4 : 3 : 2
- (D) 4 : 4 : 3 : 1

188. *A* and *B* are partners sharing profits in the ratio of 7 : 5. They agree to admit *C*, their manager into partnership, who is to get $\frac{1}{6}$ th share in profits. He acquires his share $\frac{1}{24}$ th from *A* and $\frac{1}{8}$ th from *B*. Calculate the new profit sharing ratio.

- (A) 13 : 11 : 9
- (B) 13 : 7 : 4
- (C) 13 : 11 : 7
- (D) 13 : 11 : 5

189. *A*, *B* and *C* are partners in a firm sharing profits in the ratio of 4 : 3 : 2. They admit *D* as a new partner. *A*, *B* and *C* each surrendered $\frac{1}{3}$ rd of their shares in favour of *D*. Calculate the new profit sharing ratio of *A*, *B*, *C* and *D*.

- (A) 8 : 6 : 4 : 9
- (B) 8 : 6 : 5 : 4
- (C) 8 : 7 : 6 : 9
- (D) 8 : 6 : 7 : 9

190. A and B are in partnership sharing profits and losses in the ratio of 3 : 2. They admit C as a new partner. Calculate the new profit sharing ratio if C purchases $\frac{1}{10}$ th share from A.

- (A) 5 : 4 : 3
- (B) 4 : 3 : 2
- (C) 3 : 2 : 1
- (D) 5 : 4 : 1

191. A and B are partners in a firm sharing profits and losses in the ratio of 5 : 3. They admit C as a partner for $\frac{1}{4}$ th share in the profits of the firm. Calculate the new profit sharing ratio of A, B and C if C acquires his share $\frac{1}{5}$ th from A and $\frac{1}{20}$ th from B.

- (A) 17 : 15 : 13
- (B) 17 : 13 : 10
- (C) 17 : 13 : 11
- (D) 17 : 15 : 10

192. $3\sqrt{3} - 4(\sqrt{7} + \sqrt{3}) + \sqrt{112} + \sqrt{3} = ?$

- (A) 5
- (B) 3
- (C) 7
- (D) 0

193. What least number must be added to 8275 to make the sum a perfect square?

- (A) 4
- (B) 8
- (C) 5
- (D) 6

194. What least number must subtracted from 732 to make the remainder a perfect square?

- (A) 3
- (B) 4
- (C) 5
- (D) 6

195. By what number must 192 be multiplied so that the product may be a perfect square?

- (A) 5
- (B) 4
- (C) 3
- (D) 2

196. By what least number must 1260 be divided to make the quotient a perfect square?

- (A) 35
- (B) 30
- (C) 40
- (D) 45

197. The boys of a school can be arranged in 15, 18 or 24 equal rows and also into a solid square. Find the least number of boys in the school.

- (A) 3800
- (B) 4000
- (C) 3600
- (D) 3000

198. P's age is $\frac{3}{4}$ of Q's and R's age is $1\frac{1}{2}$ of Q's age. If the age of R is 30 years, find the age of P.

- (A) 10 years
- (B) 12 years
- (C) 15 years
- (D) 18 years

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199. The ratio of two numbers is 3 : 4 and their L.C.M. is 180. Find the numbers.

- (A) 45, 60
- (B) 40, 25
- (C) 50, 30
- (D) 30, 60

200. The ratio of two numbers is 5 : 8 and their differences is 69. Find the numbers.

- (A) 120, 131
- (B) 150, 163
- (C) 115, 184
- (D) 118, 173

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