A

Series **A**

CODE : EEM-5/21

Write here Roll Number and Answer Sheet No.

Question Booklet Sl. No.

Roll No.

Answer Sheet No.

Duration : 3 Hours | Total Marks : 300

Declaration by Invigilator :
I Certify that I have checked that the Roll Number and the Answer Sheet Number written by the Candidate on the question paper and the OMR Sheet are correct and the Answer Sheet Number matches the Question Booklet Number exactly.

Signature of the Invigilator with Name

Declaration by Candidate :
I undertake not to employ any unfair means in this exam. I have checked the Question Booklet Number and the Answer Sheet Number and both are identical and have been correctly entered by me wherever indicated.

Signature of the Candidate with Name

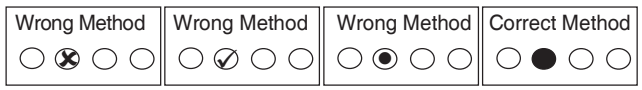
Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS TO CANDIDATES

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
3. Valuation of Answer Sheet will be done on the computer. Candidate should not make any stray marks on the Answer Sheet, tamper with or mutilate it. Otherwise it will not be evaluated.
4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
5. ou must not tear off or remove any sheet from this Booklet. The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.
6. All questions are compulsory and each Question carries **2** marks.
7. **There is no negative marking.**
8. This Booklet contains 150 questions. Candidates must note that there will be 3 Sections in the question paper :

Sections	Test Components	No. of Questions	Page No.
A	General English	1-50	5-12
B	Elementary Mathematics	51-100	13-17
C	General Knowledge	101-150	18-2

9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
12. This booklet contains **24** pages.
13. **Directions** : Each question or incomplete statement is followed by four alternative suggested answers or completions. In each case, you are required to select the one that correctly answers the question or completes the statement and blacken (●) appropriate circle a, b, c or d by Blue / Black Ball-Point Pen provided by the board against the question concerned in the Answer Sheet.
14. Mark your answer by shading the appropriate circle against each question. The circle should be shaded completely without leaving any space. The correct method of shading is given below.



The Candidate must mark his/her response after careful consideration, as it is not possible to change the response once it is marked.

15. There is only one correct answer to each question. You should blacken (●) the circle of the appropriate column, viz., a, b, c or d. If you blacken (●) more than one circle against any one question, the answer will be treated as wrong.
16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
17. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

A

DO NOT WRITE HERE

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

SECTION – A
(General English)

Direction : Q. No. 1 and 2 : Choose the correct synonyms of the words underlined from the alternatives given below them.

1. Though very slender, she is strong.
   (a) bony (b) tiny
   (c) tall (d) slim

2. Our annual accounts passed the scrutiny of the government auditors.
   (a) inspection (b) attention
   (c) warning (d) attack

Direction : Q. No. 3 to 7 : In each of the following questions, a sentence has been given in Active (or Passive) voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive (or Active) voice.

3. I saw him leaving the house.
   (a) He had been seen leaving the house.
   (b) He was seen to be leaving the house.
   (c) Leaving the house he was seen by me.
   (d) He was seen leaving the house by me.

4. The noise of the traffic kept me awake.
   (a) I remained awake by the noise of the traffic.
   (b) I was kept waking by the noise of the traffic.
   (c) I was kept awake by the noise of the traffic.
   (d) The traffic kept me awake by the noise.

5. Who teaches you English ?
   (a) By whom were you taught English ?
   (b) By whom are you taught English ?
   (c) English is taught by whom ?
   (d) y whom will you be taught English ?

6. The residents celebrated the Independence Day.
   (a) The Independence Day is celebrated by the residents.
   (b) The Independence Day was celebrated by the residents.
   (c) The Independence Day has been celebrated by the residents.
   (d) Celebration of Independence Day was done by the residents.

7. A stone struck me on the head.
   (a) I was struck by a stone on the head.
   (b) My head was struck by a stone.
   (c) I had been struck by a stone on the head.
   (d) I was struck on the head by a stone.

Direction : Q. No. 8 to 12 : In each of the following questions, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested select the one which best expresses the same sentence in Indirect/Direct speech.

8. The employer said to the workman, "I cannot pay you higher wages."
   (a) The employer told the workman that he could not be paid higher wages.
   (b) The employer told the workman that he could not pay him higher wages.
   (c) The employer forbade the workman to pay higher wages.
   (d) The employer warned the workman that he cannot pay him higher wages.

9. The spectators said, "Bravo ! Well played, Ravi."
   (a) The spectators called Ravi bravo because he had played well.
   (b) The spectators said that Ravi played well and applauded him.
   (c) The spectators encouraged Ravi saying that he played well.
   (d) The spectators applauded Ravi, saying that he had played well.

10. The Manager said, "Well, what can I do for you ?"
   (a) The Manager asked what he could do for him.
   (b) The Manager wondered what he could do for him.
   (c) The Manager wanted to know what he could do for him.
   (d) The Manager said that he couldn't do anything for him.

11. Sarita said to me, "I will do it now or never."
    (a) Sarita told me that I would do it then or never.
    (b) Sarita told me that she would do it now or never.
    (c) Sarita told me that she will do that now or never.
    (d) Sarita told me that she would do it then or never.

12. He said, "I clean my teeth twice a day."
    (a) He said that he cleaned his teeth twice a day.
    (b) He said that he cleans his teeth twice a day.
    (c) He said that he used to clean his teeth twice a day.
    (d) He said that he is used to cleaning his teeth twice a day.

Direction : Q. No. 13 to 16 : Read the following passage and answer the questions based on it.

Mountaineering is now looked upon as the king of sports. But men have lived amongst the mountains since prehistoric times and in some parts of the world, as in the Andes and Himalayas, difficult mountain journeys have inevitably been part of their everyday life. However, some of the peaks there were easily accessible from most of the cities of Europe. It is quite interesting that while modern mountaineers prefer difficult routes for the greater enjoyment of sport, the early climbers looked for the easiest ones, for the summit was the prize they all set their eyes on. Popular interest in mountaineering increased considerably after the ascent of the Alpine peak of Matterhorn in 1865 and Edward Whymper's dramatic account of the climb and fatal accident which occurred during the descent.

In the risky sport of mountaineering the element of competition between either individuals or teams is totally absent. Rather one can say that the competition is between the team and the peaks themselves. The individuals making up a party must climb together as a team, for they depend upon one another for their safety. Mountaineering can be dangerous unless reasonable precautions are taken. However, the majority of fatal accidents happen to parties which are inexperienced or not properly equipped. Since many accidents are caused due to bad weather, the safe climber is the man who knows when it is time to turn back, however, tempting it may be to press on and try to reach the summit.

13. Mountaineering is different from other sports because
    (a) it is risky and dangerous
    (b) it can be fatal
    (c) it is most thrilling and exciting
    (d) there is no competition between individuals

14. People living in the Andes and the Himalayas made mountain journeys because
    (a) it was a kind of sport
    (b) they had to undertake them in their day-to-day life
    (c) they lived in pre-historic time
    (d) of the challenge offered by the difficult journey

15. Mountaineers climb as a team because
    (a) the height is too much for one individual
    (b) the competition is between the team and the peak
    (c) they have to rely on each other for safety
    (d) there is no competition among them

16. "To press" in the last sentence of the passage means
    (a) to struggle in a forceful manner
    (b) to force upon others
    (c) to work fearlessly
    (d) to continue in a determined manner

Direction : Q. No. 17 to 19 : The following questions consists of fragments of a sentence. The first fragment (1) and the last fragment (6) are in order. The other four fragments are jumbled up and are designated as (P), (Q), (R) and (S). Find out the correct sequence of these from the given alternatives.

17. 1. When I reached my office
    P. to get home early
    Q. I phoned my mother
    R. that I wouldn't be able
    S. to tell her
    6. as I had promised.
    (a) PQRS (b) QSRP (c) RPQS (d) SQPR

18. 1. It is far better to live for a short while
    P. contribution to the world
    Q. and make some significant
    R. that is just idled away
    S. than spend a long life
    6. in gossiping and playing.
    (a) RQSP (b) SQPR (c) QPSR (d) RQPS

19. 1. If you are serious about
P. vocabulary building not a hobby,
Q. you will have to make
R. but an absorbing interest
S. increasing your vocabulary
6. or even an obsession.
(a) PQSR (b) PRQS (c) RQPS (d SQPR

Direction : Q. No. 20 to 25 : In the following questions, out of the four alternatives, choose the one which can be substituted for the given words/sentence.

20. Two words different in spelling and meaning but pronounced alike
(a) Homonyms (b) Synonyms
(c) Homophones (d) None of these

21 n abnormal fear of high places
(a) Hydrophobia (b) Claustrophobia
(c) Aerophobia (d) Acrophobia

22 Science of the races of mankind
(a) Genealogy (b) Epistemology
(c) Ethnology (d) Sociology

23. A short, usually amusing, story about some real person or event
(a) Anecdote (b) Antidote (c) Tale (d) llegory

24 Government by a single person
(a) Monarchy (b) Autocracy (c) Plutocracy (d) ristocracy

25. The study of ancient societies
(a) History (b) Anthropology (c) Ethnology (d) Archaeology

26 Pick out the simple sentence from the alternatives given below.
(a) ou can go by bus or by train.
(b) The annual sports will be held tomorrow.
(c) He went to Madras, got his visa and came back.
(d) I shall do as I like.

27. Identify the complex sentence from the alternatives given below.
    (a) The cow gives milk.
    (b) Ram went to the station and boarded the Bombay train.
    (c) The sky is blue.
    (d) When we went there we found that he had gone.

Direction : Q. No. 28 to 31 : In each of the following questions, a sentence is given with a blank to be filled in with an appropriate word. Four alternatives are suggested for each question. Choose the correct alternative.

28. Savita is disgusted _____ the habits of her husband.
    (a) of (b) from (c) with (d) at

29. _____ the rain stopped, the play had to suspended.
    (a) since (b) when (c) until (d) while

30. Madan _____ the first prize in this competition.
    (a) bore up (b) bore with (c) bore out (d bore away

31 I shall not come _____ you need me.
    (a) if not (b) without (c) except (d) unless

Direction : Q. No. 32 to 34 : Fill in the blanks with the correct forms of the words given in brackets.

32. Within five minutes the Candle had been _____ into the room. (bring)
    (a) bring (b) brought
    (c) bringer (d) bringing

33. _____ has adverse effects on health. (Intoxicate)
    (a) Intoxicate (b) Intoxicated
    (c) Intoxication (d) None of these

34. The _____ philanthropist donated a huge sum to the NGO. (generosity)
    (a) generosity (b) generousness
    (c) generously (d) generous

Direction : Q. No. 35 to 37 : Read each sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence, mark the alphabet of that part with error as your answer.

35. The man who I have often mentioned, / is one whose friendship I could /
(a) (b)
wish to acquire because / he possesses my esteem.
(c) (d)

36. Last year there was flood, / the river was overflowing, / and everyone run /
(a) (b) (c)
to save his life.
(d)

37. I will put on / a note in this regard / for your consideration / and necessary decision.
(a) (b) (c) (d)

Direction : Q. No. 38 to 40 : Identify the underlined part of speech, choose the correct answer.

38. She <u>speaks</u> the truth.
(a) Linking verb (b) Auxiliary verb
(c) Transitive verb (d Intransitive verb

39. They <u>smile</u>.
(a) Linking verb (b) Intransitive verb
(c) Transitive verb (d) Auxiliary verb

40. Many contemporary television program <u>expose</u> children to violence and vulgar language.
(a) Transitive verb (b) Intransitive verb
(c) Auxiliary verb (d) Linking verb

In the following question, choose the alternative which best expresses the meaning of the given idiom/phrase.

41. As free as a bird.
(a) Free but insignificant (b) Not restricted
(c) Free forever (d) Capable of flight

In the following question, one word is misspelt. Find out the misspelt word.

42. (a) Neice (b) Neither
(c) Neigh (d) Rein

Direction : Q. No. 43 and 44 : Fill in the blanks in the following sentences using the appropriate article from the alternatives given below them.

43. His office and living were in _____ dark shed.
(a) a (b) the
(c) an (d) none of these

44. I can speak _____ English fluently.
(a) the (b) an
(c) a (d) no article required

Direction : Q. No. 45 to 50 : In each of the following questions, a word has been written in four different ways out of which only one is correctly spelt. Find the correctly spelt word.

45. (a) Mustach (b) Moustach
(c) Mastache (d) Moustache

46. (a) Comentry (b) Commentry
(c) Commentery (d) Commentary

47. (a) Sedantry (b) Sedentery
(c) Sedentary (d Sedantary

48. (a) Jewelery (b) Jewellry
(c) Jwellry (d) Jewellery

49. (a) Scriptur (b) Skripture
(c) Scripture (d) Scripcher

50. (a) Comemorate (b) Commemmorate
(c) Comemmorate (d) Commemorate

SECTION – B
(Elementary Mathematics)

51. The equation of a line passing through (3, –3) and perpendicular to the line $2x + 5y – 2 = 0$ is

(a) $5x – 2y – 21 = 0$ (b) $x + 2y + 21 = 0$

(c) $2x – 5y – 21 = 0$ $x + 5y – 21 = 0$

52. If A.M. (Arithmetic Mean) and G.M. (Geometric Mean) of 2 numbers are 5 and 4 respectively, the two numbers are

(a) 8 and 2 (b) 6 and 4

(c) 7 and 11 (d) none of these

53. Find the angle of elevation of the Sun when the length of the shadow of a pole is $\sqrt{3}$ times the height of the pole.

(a) 45° (b) 30° (c) 60° (d °

54. The length of a room is 5.5 m and width is 3.75 m. Find the cost of paving the floor by slabs at the rate of Rs. 800 per sq.metre.

(a) Rs. 15,500 b) Rs. 15,550 (c) Rs. 16,500 (d) None of these

55. The ratio of three numbers is 1 : 2 : 3 and sum of their squares is 504, then the 3 numbers are

(a) 6, 12, 18 (b) 3, 6, 9 (c) 4, 8, 12 (d) 5, 10,

56. If xyz = 1 then the value of $\frac{1}{1+x+y^{-1}}+\frac{1}{1+y+z^{-1}}+\frac{1}{1+z+x^{-1}}$ is

(a) 1 (b) 0 (c) 2 (d) $\frac{1}{2}$

57. If in a triangle, the area is numerically equal to the perimeter, then the radius of the inscribed circle of the triangle is

(a) 1 (b) 1.5 (c) 2 (d) None of these

58. Value of $x^{a-b} . x^{b-c} . x^{c-a}$ (where $x > 0$, x, a, b, $c \in R$) is

(a) 1 (b) 0 (c) abc (d) $\frac{1}{abc}$

59. is older than X by 7 years. 15 years back X's age was $\frac{3}{4}^{th}$ of Y's age. The present age of X is

(a) 36 b) 50 c) 43 (d) 4

60. Mr. Bean obtained 70 and 75 marks in first two tests. The minimum marks he should get in the third test to have an average of atleast 60 marks is

(a) 75 b) 35 (c) 70 (d) 6

61. The difference between the place value of 7 and 3 in the number 527435 is

(a) 4 (b) 5 (c) 45 (d) 6970

62. If n is a negative number, then which of the following is the least ?

(a) 0 (b) – n (c) 2n (d) n^2

63. If $(64)^2 - (36)^2 = 20z$, the value of z is

(a) 70 b) 120 c) 180 (d) None of these

64. The greatest number by which the product of three consecutive multiples of 3 is always divisible is

(a) 54 b) 81 c) 162 (d) 24

65. H.C.F. of $4\times27\times3125$, $8\times9\times25\times7$ and $16\times81\times5\times11\times49$ is

(a) 180 b) 360 c) 540 (d) 1260

66. Find the lowest common multiple of 24, 36 and 40.

(a) 120 b) 240 c) 360 (d)

67. Three numbers are in the ratio 1 : 2 : 3 and their H.C.F. is 12. The numbers are

(a) 4, 8, 12 (b) 5, 10, 15 c) 10, 20, 30 (d) 12, 24,

68. The H.C.F. of two numbers is 8. Which one of the following can never be their L.C.M. ?

(a) 24 (b) 48 c) 56 (d) 60

69. Which part contains the fractions in ascending order ?

(a) $\frac{11}{14}, \frac{16}{19}, \frac{19}{21}$ (b) $\frac{16}{19}, \frac{11}{14}, \frac{19}{21}$ (c) $\frac{16}{19}, \frac{19}{21}, \frac{11}{14}$ (d) $\frac{19}{21}, \frac{11}{14}, \frac{16}{19}$

70. What is the difference between the biggest and the smallest fraction among $\frac{2}{3}, \frac{3}{4}, \frac{4}{5}$ and $\frac{5}{6}$?

(a) $\frac{1}{6}$ (b) $\frac{1}{12}$ (c) $\frac{1}{20}$ (d) $\frac{1}{30}$

71. $\frac{(0.6)^4-(0.5)^4}{(0.6)^2+(0.5)^2}$ is equal to

(a) 0.1 b) 0.11 (c) 1.1 (d)

72. The value of $\frac{(2.697-0.498)^2+(2.697+0.498)^2}{2.697\times2.697+0.498\times0.498}$ is

(a) 0.5 b) 2 (c) 2.199 (d) 3.19

73. What mathematical operation should come at the place of '?' in the given equation ?
2 ? 6 – 12 ÷ 4 + 2 = 11

(a) + (b) – (c) × (d) ÷

74. The difference between $1\frac{3}{16}$ and its reciprocal is equal to

(a) $1\frac{1}{8}$ (b) $\frac{4}{3}$ (c) $\frac{15}{16}$ (d) None of these

75. If $\frac{4}{5}$ of an estate be worth of Rs. 16,800, then the value of $\frac{3}{7}$ of the estate is

(a) Rs. 9,000 (b) Rs. 21,000 c) Rs. 72,000 (Rs. 90,000

76. A man has some hens and cows. If the number of heads be 48 and the number of feet equals 140, then the number of hens will be

(a) 22 (b) 23 (c) 24 (d) 2

77. Evaluate $\sqrt{41-\sqrt{21+\sqrt{19-\sqrt{9}}}}$

(a) 3 (b) 5 (c) 6 (d) 6.4

78. $\sqrt{\frac{25}{81}-\frac{1}{9}}=?$

(a) $\frac{2}{3}$ (b) $\frac{4}{9}$ (c) $\frac{16}{81}$ (d) $\frac{25}{81}$

79. $\left(2+\sqrt{2}+\frac{1}{2+\sqrt{2}}+\frac{1}{\sqrt{2}-2}\right)$ simplifies to

(a) $2-\sqrt{2}$ (b) 2 (c) $2+\sqrt{2}$ (d) $2\sqrt{2}$

80. Find the average of all the numbers between 6 and 34 which are divisible by 5.

(a) 18 b) 20 c) 24 (d) 3

81. A student was asked to find the arithmetic mean of the numbers 3, 11, 7, 9, 15, 13, 8, 19, 17, 21, 14 and x. He found the mean 12. What should be the number in place of x ?

(a) 3 (b) 7 (c) 17 (d) 3

82. The average of 7 consecutive numbers is 20. The largest of these numbers is

(a) 20 b) 22 c) 23 (d) 2

83. The difference between a number and its three-fifth is 50. What is the number ?

(a) 75 (b) 100

(c) 125 (d) None of these

84. Find a positive number which when increased by 17 is equal to 60 times the reciprocal of the number.

(a) 3 (b) 10 c) 17 (d) 20

85. If the sum of two numbers is 33 and their difference is 15, the smaller number is

(a) 9 (b) 12 (c) 15 (d) 18

86. Of the three numbers, the sum of the first two is 45, the sum of the second and the third is 55 and the sum of the third and thrice of the first is 90. The third number is

(a) 20 b) 25 (c) 30 (d) 3

87. The value of $[10^{150} \div 10^{146}]$ is

(a) 1000 (b) 10000 c) 100000 (d) ^{6}

88. If $\left(\frac{a}{b}\right)^{x-1} = \left(\frac{b}{a}\right)^{x-3}$, then the value of x is

(a) $\frac{1}{2}$ (b) 1 (c) 2 (d) $\frac{7}{2}$

89. If $2^{n+4} - 2^{n+2} = 3$, then n is equal to

(a) 0 (b) 2 (c) -1 (d) -2

90. If m and n are whole numbers such that $m^n = 121$, then the value of $(m - 1)^{n+1}$ is
(a) 1 (b) 1 c) 121 (d) 10

91. If $3^{x-y} = 27$ and $3^{x+y} = 243$, then x is equal to
(a) 0 (b) 2 (c) 4 (d) 6

92. The ratio 5 : 4 expressed as a percent equals
(a) 12.5% (b) 40% c) 80% (d) 1

93. What percent of a day is 3 hours ?
(a) $12\frac{1}{2}\%$ (b) $16\frac{2}{3}\%$ (c) $18\frac{2}{3}\%$ (d) $22\frac{1}{2}\%$

94. If 35% of a number is 12 less than 50% of that number, then the number is
(a) 40 (b) 50 (c) 60 (d) 80

95. Alfred buys an old scooter for Rs. 4,700 and spends Rs. 800 on its repairs. If he sells the scooter for Rs. 5,800, his gain percent is
(a) $4\frac{4}{7}\%$ (b) $5\frac{5}{11}\%$ (c) 10% (d) 12

96. Two numbers are in the ratio 1 : 2. If 7 is added to both, their ratio changes to 3 : 5. The greatest number is
(a) 24 (b) 26 c) 28 (d) 32

97. If 40% of a number is equal to two-third of another number, what is the ratio of first number to the second number ?
(a) 2 : 5 b) 3 : 7 (c) 5 : 3 (d) 7 : 3

98. If 10% of x = 20% of y, then x : y is equal to
(a) 1 : 2 b) 2 : 1 (c) 5 : 1 (d) 10 : 1

99. Find the value of * in the following.
$$1\frac{2}{3} \div \frac{2}{7} \times \frac{*}{7} = 1\frac{1}{4} \times \frac{2}{3} \div \frac{1}{6}$$
(a) 0.006 (b) $\frac{1}{6}$ (c) 0.6 (d) 6

100. Find the surface area of a 10 cm × 4 cm × 3 cm brick.
(a) 84 sq.cm (b) 124 sq.cm
(c) 164 sq.cm (d) None of these

SECTION – C
(General Knowledge)

101. In terms of investigation agency in India, what does the abbreviation CBI stands for ?
(a) Central Bureau of Investigation (b) Central Board of Investigation
(c) Central Bankruptcy Investigation (d None of the above

102. Broad flat steps or terraces are made on the steep slopes so that flat surfaces are available to grow crops is called as
(a) Terrace Farming (b) Rock Dam
(c) Contour Barriers (d Mulching

103. Seshachalam Biosphere Reserve is situated in the State of
(a) Goa (b) Kerala
(c) Gujarat (d) None of the above

104. Natural vegetation and wildlife existing only in the narrow zone of contact between the lithosphere, hydrosphere and atmosphere is called as
(a) Zerosphere (b) Earth
(c) Biosphere (d) Marine Life

105. A non-ferrous mineral does not contain _____ but may contain some other metals such as gold, silver, copper or lead.
(a) Soil b) Water
(c) Iron (d) iamond

106 Limestone, mica, gypsum and mineral fuels like coal and petroleum are called as
(a) Metallic minerals (b) Non-metallic minerals
(c) Ferrous minerals (d) Non-ferrous minerals

107 In which of the following States Guindy National Park is situated ?
(a) Tamil Nadu (b) Kerala
(c) Madhya Pradesh (d) None of the above

108. The Rajya Sabha functions primarily as the representative of whom in the Indian Parliament ?
(a) Ministers (b) President
(c) Prime Minister (d) The States of India

109. The court verdict declaring that a person is not guilty of the crime which he/she was tried for by the court is called as

(a) Habeas Corpus (b) Writ

(c) cquittal (d) Appeal

110. Which Article of the Indian Constitution places a duty upon the State to provide a lawyer to any citizen who is unable to engage one due to poverty or other disability ?

(a) rticle 16 (b) Article 39A

(c) Article 42 (d) Article 29A

111. Which country is the leading producer of coffee in the world ?

(a) India (b) Columbia

(c) razil (d) China

112. National Youth Day is celebrated in India every year on

(a) 15th March (b) 12th January

(c) 3rd October (d None of the above

113. The book named “We are Displaced” written by

(a) Malala Yousafzai (b) Greta Thunberg

(c) Sunita Narain (d) None of the above

114. The Indian National Anthem was originally composed in Bengali by

(a) Bankim Chandra Chatterjee (b) Madam Bhikaji Cama

(c) Rabindranath Tagore (d) None of the above

115. Which of the following is the Southernmost point of India ?

(a) Indira point (b) Kovalam point

(c) Kottaram point (d None of the above

116. The Jawaharlal Nehru port is located in

(a) Maharashtra (b) West Bengal

(c) Kerala (d) None of the above

117. Lokapavani is the river tributary of

(a) Indus (b) Brahmaputra

(c) Cauvery (d) None of the above

118. Which Indian State has the highest population according to 2011 census ?
(a) Rajasthan (b) Uttar Pradesh
(c) Tamil Nadu (d) Andhra Pradesh

119 What are White Label ATMs (WLAs) ?
(a) ATMs set up, owned and operated by non-banks are called WLAs
(b) ATMs set up, owned and operated by foreign financial institutions in India are called WLAs
(c) ATMs set up, owned and operated by RBI are called WLAs
(d) None of the above

120. Who is the first Chief Election Commissioner of free India ?
(a) Sukumar Sen (b) O. P. Rawat
(c) K. V. K. Sundaram (d) None of the above

121. The Indian city of Kochi was earlier called as
(a) Calicut (b) Ceylon
(c) Cochin (d) Quillon

122. Curd contains several micro-organisms. Of these, which bacterium promotes the formation of curd ?
(a) Lactointus (b) Lactobacus
(c) Lactobacillus (d Lactohicus

123. Identify the disease caused by the bacterium (Bacillus anthracis) discovered by Robert Köch in 1876.
(a) Anthrax disease (b) Malaria disease
(c) Celiac disease (d) Alzheimer's disease

124. The milk is heated to about 70°C for 15 to 30 seconds and then suddenly chilled and stored. By doing so, it prevents the growth of microbes. Identify this process discovered by Louis Pasteur.
(a) Pasteur therapy (b) Pasterification
(c) Pasteurisation (d) Pasteurity

125. A material which gets decomposed through natural processes, such as action by bacteria is called as
(a) Non-biodegradable (b) Biodegradable
(c) Biodiversity (d) Recycling

126. Which of the following Indian State has the lowest population according to 2011 census ?

(a) Nagaland (b) Tripura (c) Goa (d) Sikkim

127. The lowest temperature at which a substance catches fire is called its

(a) Recognition temperature (b) Ignition temperature

(c) xiting temperature (d) Average temperature

128. Durand line is a disputed border separates

(a) Pakistan and Afghanistan (b) India and Pakistan

(c) India and China (d) None of the above

129. What is the process in which removal of the top layer of the soil exposes the lower, hard and rocky layers ? This soil has less humus and is less fertile and gradually the fertile land gets converted into deserts

(a) Forestation (b) Desertification

(c) Deforestation (d Soil erosion

130. Which of the following country's tri-service force contingent participated in India's 72nd Republic Day Parade ?

(a) Brazil (b) Sri Lanka

(c) Bangladesh (d None of the above

131. Where is India's 1st Labour Movement Museum located ?

(a) Ranchi, Jharkhand (b) angalore, Karnataka

(c) Alappuzha, Kerala (d) None of the above

132. The force exerted by a charged body on another charged or uncharged body is known as

(a) Speed (b) lectrostatic force

(c) Electric force (d) Combustion

133. The process of depositing a layer of any desired metal on another material by means of electricity is called as

(a) Electroplanting (b) Electroplating

(c) Electrocuting (d) lectrifying

134. Who won the Wimbledon Championship Title 2021 in the men's single category ?
(a) Matteo Berrettini
(b) Novak Djokovic
(c) Roger Federer
(d) None of the above

135. What was the theme of the International Day of Cooperatives celebrated on July 03, 2021 ?
(a) Sustainable societies through cooperation
(b) Rebuild better together
(c) COOPS 4 DECENT WORK
(d) None of the above

136. In India "National Doctors Day" is celebrated every year on
(a) July 1st
(b) August 22nd
(c) September 22nd
(d None of the above

137. Which of the following are also called shooting stars ?
(a) Asteroids
(b) Star dust
(c) Meteors
(d) Rockets

138. What is "Dhruv Mk – III MR" ?
(a) Ballistic Missile of DRDO
(b) Advanced Light Helicopter of HAL
(c) Communication Satellite of ISRO
(d) None of the above

139. When does solar eclipse take place ?
(a) When the moon is in between the sun and earth on new moon day
(b) When earth is in between moon and sun on new moon day
(c) Full moon day
(d) When the moon is the closest to the earth

140. The author of the book titled 'Stargazing : The Players in My Life'
(a) Ravi Shastri
(b) Anil Kumble
(c) Rahul Dravid
(d) None of the above

141. Hruso people are also known as
(a) Miji
(b) Sherdukpen
(c) Hillmiri
(d) Aka

142. Inner Line Permit is issued under
(a) Bengal Eastern Frontier Regulation, 1873
(b) North East Frontier Tracts (Internal Administration) Regulation,1943
(c) North East Frontier Agency (Administration) Regulation, 1965
(d) Assam Frontier (Administration of Justice) Regulation, 1945

143. What is the common name of the State flower of Meghalaya ?
(a) Jasmine (b) Lady's Slipper Orchid
(c) Hibiscus (d) Fox-tail Orchid

144. The Buddhist Stupa modeled after Boudhinath Stupa of Nepal is situated at
(a) Chowkham (b) emithang
(c) Tenga Pani (d Lumla

145. A large mammal goat antelope found in eastern Arunachal Pradesh is called as
(a) Takin (b) Yak
(c) Musk deer (d Serow

146. Lachit Borphukan, a Commander of Ahom Kingdom fought Battle of Saraighat in
(a) 1671 (b) 1761 c) 1532 (d) 1661

147. For the State of Arunachal Pradesh, Gramsevak Training Centre (GTC) cum State Agriculture Management and Extension Training Institute (SAMETI) is located in
(a) Naharlagun (b) Ziro
(c) Tawang (d Pasighat

148. Namchik-Namphuk coalfield is located in which of the following districts ?
(a) Changlang (b) Longding
(c) Namsai (d) Anjaw

149. An earthquake of reading 8 on the Richter Scale is how many times more in amplitude than an earthquake of reading 6 on the same scale ?
(a) 2 (b) 10 (c) 100 (d) 98

150. s per the studies of the archeologists it is said that Malinithan Temple was built with
(a) Marble stone (b) Granite stone
(c) ricks (d) Red Sandstone

