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# APSSB CHSL

## Previous Year Paper
### 17 Sept, 2023

**Series B**

**CODE : KEM – 6/23**
Write here Roll Number and Answer Sheet No.

9022882

Question Booklet Sl. No.

Roll 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. | **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 whe... |
| **Signature of the Invigilator with Name** | **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. You 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 for wrong answer.**
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 | 5-11 |
| B | Elementary Mathematics | 51-100 | 12-17 |
| C | General Knowledge | 101-150 | 18-23 |

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 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.

| Wrong Method | Wrong Method | Wrong Method | Correct Method |
|---|---|---|---|
| ○ ⊗ ○ ○ | ○ ⊘ ○ ○ | ○ ⊙ ○ ○ | ○ ● ○ ○ |
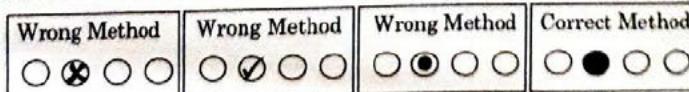
The Candidate must mark his/her response after careful consideration, as it is not possible to change the response once it is marked.

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.**

## SECTION – A
### (General English)

**Direction (Q. No. 1 – 3) :** Choose the synonym for the underlined word in each sentence from the alternatives given below them.

1. The student's <u>perseverance</u> ultimately brought him success after so many futile attempts.
   - (a) Steadfastness
   - (b) Luck
   - (c) Blind faith
   - (d) Goodness

2. Steps were being taken to <u>mitigate</u> the sufferings of the victims of earthquake.
   - (a) assuage
   - (b) lessen
   - (c) discuss
   - (d) subdue

3. The appearance of the culprit <u>intensified</u> the mood of expectation in the people.
   - (a) heightened
   - (b) abated
   - (c) lessen
   - (d) reduced

**Direction (Q. No. 4 – 7) :** In the following questions, the first and the last parts of the sentence are numbered as 1 and 6. The rest of the sentence is split into four parts and named P, Q, R and S. These four parts are not given in their proper order. Read the sentences and find out which combination is correct.

4. 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

5. 1 : At the end of the lecture
   - P : for sparing their valuable time
   - Q : the speaker thanked the audience
   - R : and listening to him
   - S : in coming to the meeting
   - 6 : patiently.
   - (a) PSRQ
   - (b) QPSR
   - (c) RSPQ
   - (d) SRQP

B

6. 1 : What we would like to judge
   P : in this comprehension exercise,
   Q : the difficult words, phrases and sentence fragments
   R : and also the meanings of
   S : is your grasp of the content
   6 : that constitute the paragraph.
   (a) PSRQ     (b) QPSR     (c) RQPS     (d) SRPQ

7. 1 : A four-year study
   P : that babies feel more comfortable
   Q : conducted by the Infant Testing Centre
   R : around other babies
   S : clearly suggests
   6 : than with strange adults.
   (a) PRSQ     (b) QPRS     (c) QSPR     (d) SPRQ

**Direction (Q. No. 8 – 11)** : Choose the right meaning of the underlined idiomatic expression given in each of the following sentences from among the alternatives given below them.

8. It was <u>given out</u> that the fort had been captured.
   (a) to announce
   (b) to be addicted
   (c) to ruin
   (d) to attract

9. How did he <u>come by</u> this book ?
   (a) to cause     (b) to get     (c) to cancel     (d) to continue

10. If this business venture fails, then I'm <u>done for</u>.
    (a) increased     (b) influenced     (c) ruined     (d) none of these

11. That <u>fair weather friend</u> of mine was not to be found anywhere during my days of adversity.
    (a) a friend only during times of prosperity
    (b) a friend who is born rich
    (c) a friend who helps always
    (d) none of these

**Direction (Q. No. 12 – 15)** : Choose the correctly spelt word from the following questions.

12. (a) catarrh     (b) catarh     (c) catarrah     (d) cataraha

13. (a) epiloge     (b) epilouge     (c) epilogue     (d) eppilogue

14.   (a) finanser      (b) financier      (c) finnancer      (d) fienancier

15.   (a) gineology      (b) geniology      (c) genealogy      (d) geniollogy

**Direction (Q. No. 16 – 18) :** In each of the following questions, there are six sentences marked S1, S6, P, Q, R and S. The positions of S1 and S6 are fixed. You are required to choose one of the four alternatives which would be the most logical sequence of the sentences in the passage.

16. **S1 :** The domestic cat is a contradiction in itself.

   **P :** But the adult pet dog also sees its human family as the dominant members of the pack.

   **Q :** Nursed in kittenhood, it develops extraordinary intimacy with mankind.

   **R :** The dog, like the pet cat, sees its owners as pseudo-parents.

   **S :** At the same time however, the cat continues to retain its independence.

  **S6 :** Hence it has won such a reputation for obedience and loyalty.

   (a) QSPR      (b) QSRP      (c) SQPR      (d) SQRP

17. **S1 :** He tried the door.

   **P :** The room was neat and clean.

   **Q :** Then he stepped into the room.

   **R :** He waited for a minute or two.

   **S :** It opened easily and he peeped in.

  **S6 :** He was careful not to touch anything.

   (a) PQRS      (b) QSPR      (c) RPQS      (d) SPRQ

18. **S1 :** Smoke oozed up between the planks.

   **P :** Passengers were told to be ready to quit the ship.

   **Q :** The rising gale fanned the smouldering fire.

   **R :** Every one now knew there was a fire on board.

   **S :** Flames broke out here and there.

  **S6 :** Most people bore the shock bravely.

   (a) QPSR      (b) QSRP      (c) RSPQ      (d) SRQP

B

**Direction (Q. No. 19 – 22)** : Choose the alternative which best expresses the given sentences in indirect/direct speech.

19. Padma said to her, "What a cold day !"
    (a) Padma told her, that it was cold day.
    (b) Padma exclaimed that it was a cold day.
    (c) Padma exclaimed sorrow fully that it was a cold day.
    (d) Padma exclaimed that it was a very cold day.

20. Paresh said that he was not going to college.
    (a) Paresh said, "He was not going to college."
    (b) Paresh said, "I am not going to college."
    (c) Paresh said, "I will not go to college."
    (d) Paresh said, "He had not gone to college."

21. Param said to Geeta, "Prem was playing cards."
    (a) Param told Geeta that Prem had been playing cards.
    (b) Param told Geeta that Prem has been playing cards.
    (c) Param told Geeta that Prem playing cards.
    (d) Param told Geeta that Prem plays cards.

22. The father said to the son, "Why do you not start preparing for the examination this month ?"
    (a) The father asked the son that why did he not start preparing for the examination this month ?
    (b) The father told the son why he did not prepare for the examination that month.
    (c) The father enquired of the son why he did not start preparing for the examination this month.
    (d) The father asked the son why he did not start preparing for the examination that month.

**Direction (Q. No. 23 – 26)** : Give one word substitute for the following from the alternatives given below them.

23. Causing cancer.
    (a) Carcinogenic (b) Chalet (c) Cardiac (d) Cardioid

24. That can catch fire and burn easily.
    (a) Combustible (b) Colloquial
    (c) Colonnade (d) Congenital

B

25. A state of long unnatural deep unconsciousness.
    (a) Comma
    (b) Coma
    (c) Clubfoot
    (d) Chalet

26. Suitable for ordinary, informal or familiar conversation.
    (a) Cockpit
    (b) Colloquial
    (c) Coagulate
    (d) Charlatan

**Direction (Q. No. 27 – 29) :** Choose the antonym of the following words from the given alternatives.

27. Diligent
    (a) abide
    (b) conceal
    (c) lazy
    (d) converge

28. Hasten
    (a) sorrow
    (b) delay
    (c) flexible
    (d) determine

29. Notorious
    (a) bold
    (b) famous
    (c) feeble
    (d) weak

**Direction (Q. No. 30 – 34) :** In the following passage, there are blanks each of which has been numbered. These numbers are printed below the passage and against each, some words are suggested, one of which fits the blank appropriately. Find out the appropriate words.

Without water no animal can survive. In desert regions the greatest _30_ to life is drying up. But many creatures are able to make use of the little water that exists in arid areas. One of nature's masterpieces _31_ creatures equipped to _32_ with desert life is the hardy camels. Stories range the desert lands far and wide about _33_ endurance feats by camels. It is said that camels can _34_ a distance of about 800 miles in eight days through continuous travel without an intake of a single drop of water.

30. (a) need
    (b) worry
    (c) threat
    (d) requirement

31. (a) for
    (b) about
    (c) among
    (d) with

32. (a) live
    (b) resist
    (c) bear
    (d) cope

33. (a) remarkable
    (b) little
    (c) tolerable
    (d) popular

34. (a) measure
    (b) reduce
    (c) lead
    (d) cover

B

**Direction (Q. No. 35 – 38)** : Every sentence given below is divided into three sections marked a, b and c. Read the sentences carefully and mark the section that contains an error. If there is no error in the sentence, mark (d) as your answer.

35. Hari showed courage/worthy of/an older man./No error
    (a)          (b)       (c)      (d)

36. They work much/on Sundays/than on other days./No error
    (a)       (b)       (c)      (d)

37. You can hang the picture/wherever/you will like./No error
    (a)          (b)       (c)      (d)

38. Unless you do not/labour hard,/you will not pass./No error
    (a)      (b)      (c)      (d)

**Direction (Q. No. 39 – 42)** : In each of the following questions, a sentence has been given in active/passive voice. Out of the four given alternatives, select the one which best expresses the same sentence in passive/active voice.

39. The books exhibition had been opened by the Governor.
    (a) The Governor had opened the books exhibition.
    (b) The Governor has opened the books exhibition.
    (c) The Governor opened the books exhibition.
    (d) The Governor opens the books exhibition.

40. Sanjay sells tea.
    (a) Tea had been sold by Sanjay.     (b) Tea has been sold by Sanjay.
    (c) Tea was sold by Sanjay.        (d) Tea is sold by Sanjay.

41. They won the cricket match.
    (a) The cricket match was won by them.
    (b) The cricket match is won by them.
    (c) The cricket match win by them.
    (d) The cricket match had been won by them.

42. Why did you break the school wall ?
    (a) Why the school wall was broken by you ?
    (b) Why had the school wall been broken by you ?
    (c) Why would the school wall be broken by you ?
    (d) Why was the school wall broken by you ?

**B**                              **-10-**

**Direction (Q. No. 43 – 46)** : In the following questions, part of the sentence is underlined and alternatives are given to the underlined part at (a), (b) and (c) which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (d).

43. She is neither a poet <u>nor philosopher</u>.
   (a) not philosopher
   (b) nor the philosopher
   (c) nor a philosopher
   (d) no improvement

44. I have realized <u>over times</u> that there is a larger meaning to things happening around us.
   (a) time over
   (b) upon time
   (c) over the times
   (d) no improvement

45. It is <u>a three-years degree course</u>.
   (a) an three-years degree course
   (b) a three-year degree course
   (c) a three-years degree course
   (d) no improvement

46. <u>The place at which the two roads meet</u>, you will find a small office.
   (a) Where the two roads meet
   (b) At the place where the two roads meet
   (c) The place where the two roads meet
   (d) No improvement

**Direction (Q. No. 47 – 50)** : Fill in the blanks with appropriate word from the alternatives given below them.

47. If Anu _____ helped you, you would have passed.
   (a) would have
   (b) has
   (c) had
   (d) will have

48. When Raghu came to my house, I _____.
   (a) studied
   (b) was studying
   (c) will study
   (d) have studied

49. Hardly had I reached home _____ it started raining.
   (a) then
   (b) than
   (c) and
   (d) when

50. Known facts, as well as results of tests, point to _____ conclusions.
   (a) alarmed
   (b) alarming
   (c) alarmful
   (d) alarmingly

B

## SECTION – B
### (Elementary Mathematics)

51. Centroid in a triangle divides every median in the ratio
    (a) 1 : 1        (b) 1 : 2        (c) 2 : 1        (d) 3 : 1

52. If AB = 6 cm, AE = 5 cm, then find the area of the following parallelogram ABCD.

    $CD \times AE$
    $6 \times 5$

    (a) 15 cm$^2$        (b) 30 cm$^2$        (c) 11 cm$^2$        (d) 1 cm$^2$

53. If the area of a rhombus is 240 cm$^2$ and one of the diagonals is 16 cm, then the other diagonal is
    (a) 25 cm        (b) 30 cm        (c) 18 cm        (d) None of these

54. Tangent drawn to a circle touches the circle at
    (a) 3 points        (b) 2 points        (c) 1 point        (d) None of these

55. If 2 circles touch each other externally, then the number of common tangents to the circles is
    (a) 1        (b) 2        (c) 3        (d) 4

56. If Mr. A and Mr. B's investment in a company is in the ratio 2 : 3 and profit for the month of January 2023 is Rs. 10 lakhs, then A's share is
    (a) 4 lakhs        (b) 6 lakhs        (c) 5 lakhs        (d) 6.66 lakhs

57. A train has to cover 120 km, if the speed is changed from 30 km to 40 km per hour, find the change in the ratio of time taken.
    (a) 3 : 4        (b) 4 : 3        (c) 3 : 5        (d) None of these

58. If A can do a work in 6 hrs, B can do the same work in 8 hrs, then A and B together can do the same work in
    (a) $\frac{24}{7}$ hrs        (b) 3 hrs        (c) $\frac{25}{6}$ hrs        (d) $\frac{28}{9}$ hrs

59. The value of $9 \sec^2 A - 9 \tan^2 A$ is
    (a) 1        (b) 9        (c) −1        (d) −9

60. The value of $\csc 30° - \sec 60°$ is
    (a) 0        (b) 1        (c) 2        (d) 4

61. If the interior angles of a triangle are in the ratio 3 : 4 : 5, then what is the measure of the greatest exterior angle ?
    (a) 160°          (b) 135°          (c) 140°          (d) 120°

62. In a right angled triangle, orthocentre lies at
    (a) Mid point of the hypotenuse          (b) Right angle of the triangle
    (c) Centre of the triangle          (d) None of these

63. The point (2, 3) lies on which of the following lines (linear equations) ?
    (a) 5x – 3y = 4          (b) 5x – 2y = 4          (c) 2x – 5y = 4          (d) 3x – 5y = 4

64. 5 years hence, the age of Ram will be 3 times that of his son. 5 years ago, Ram's age was 7 times that of his son, present age of Ram is
    (a) 35 years          (b) 40 years          (c) 42 years          (d) None of these

65. The sum of the digits of a 2 digit number is 9. Also, 9 times this number is twice the number obtained by reversing the order of the digits. The number is
    (a) 18          (b) 27          (c) 36          (d) None of these

66. The volume of right circular cone of base radius 3 cm and altitude (height) 8 cm is (in cubic units)
    (a) 24π          (b) 72π          (c) 8π          (d) 3π

67. If a prism has a base which is an equilateral triangle of side 6 cm and its height is 20 cm, then its volume is
    (a) $180\sqrt{3}$ cm$^3$          (b) $90\sqrt{3}$ cm$^3$          (c) $60\sqrt{3}$ cm$^3$          (d) $120\sqrt{3}$ cm$^3$

68. The volume of cylinder of base radius r and height h is
    (a) $\pi r^2 h$          (b) $\frac{3}{4}\pi r^2 h$          (c) $\pi r^3 h$          (d) $\frac{1}{3}\pi r^2 h$

69. Any point on the surface of a sphere is equidistant from the centre of the sphere. This distance is _____ of the sphere.
    (a) Diameter          (b) Radius          (c) Circumference          (d) None of these

70. Volume of a hemisphere of radius r is
    (a) $\frac{4}{3}\pi r^3$          (b) $\frac{2}{3}\pi r^3$          (c) $\frac{1}{3}\pi r^3$          (d) None of these

71. If price of an article worth Rs. 150 is raised by 10%, then the new price of the article becomes
    (a) Rs. 155          (b) Rs. 165          (c) Rs. 155.5          (d) None of these

72. If Rs. 81 has to be divided in the ratio 2 : 7 among A and B, then A's share is
    (a) Rs. 18          (b) Rs. 15          (c) Rs. 16          (d) None of these

73. A two digit number is 4 times the sum and 3 times the product of digits. The number is
    (a) 15          (b) 42          (c) 51          (d) 24

B

74. If $(0.5)^x = \dfrac{1}{4}$, then x =

(a) 2       (b) $\dfrac{1}{2}$       (c) 4       (d) $\dfrac{1}{4}$

75. $\dfrac{3}{4}$ th of square of 5 is

(a) $\dfrac{15}{4}$       (b) $\dfrac{20}{3}$       (c) $\dfrac{4}{15}$       (d) $\dfrac{75}{4}$

76. The bar graph shows the fertilizer production in kilo tons by a company between 1995 and 2000.
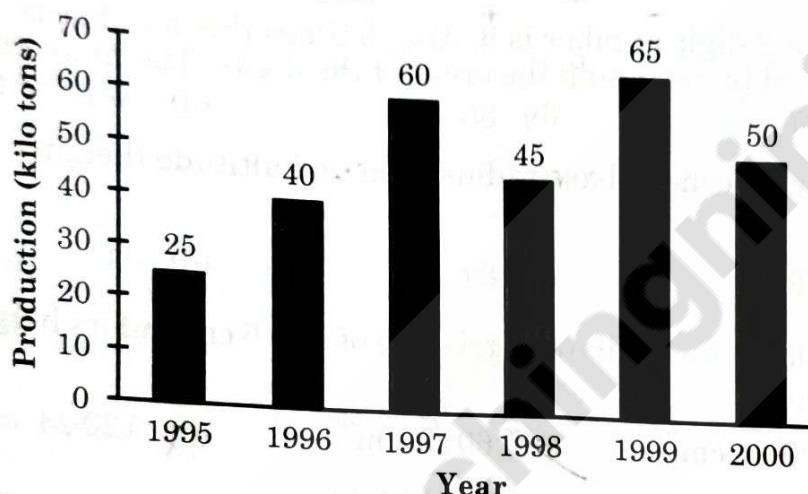


The average production from 1995 to 2000 is (in kilo tons)

(a) 47.5       (b) 48       (c) 60       (d) 45

77. The Pie chart given below depicts the runs scored by a batsman Mr. X in 4 matches.



Match 1
Match 2
Match 3
Match 4
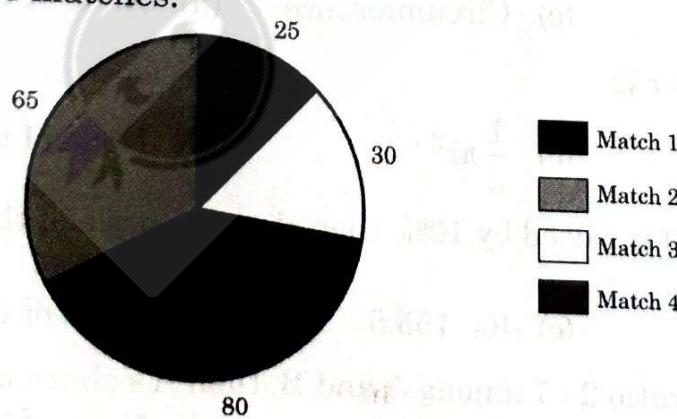
Find the percentage of runs scored by the batsman in 4th match if his total score is 200 runs in 4 matches.

(a) 25%       (b) 12.5%       (c) 50%       (d) None of these

B

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78. The weekly observations made on the cost of living index in a city is represented in the following frequency polygon.
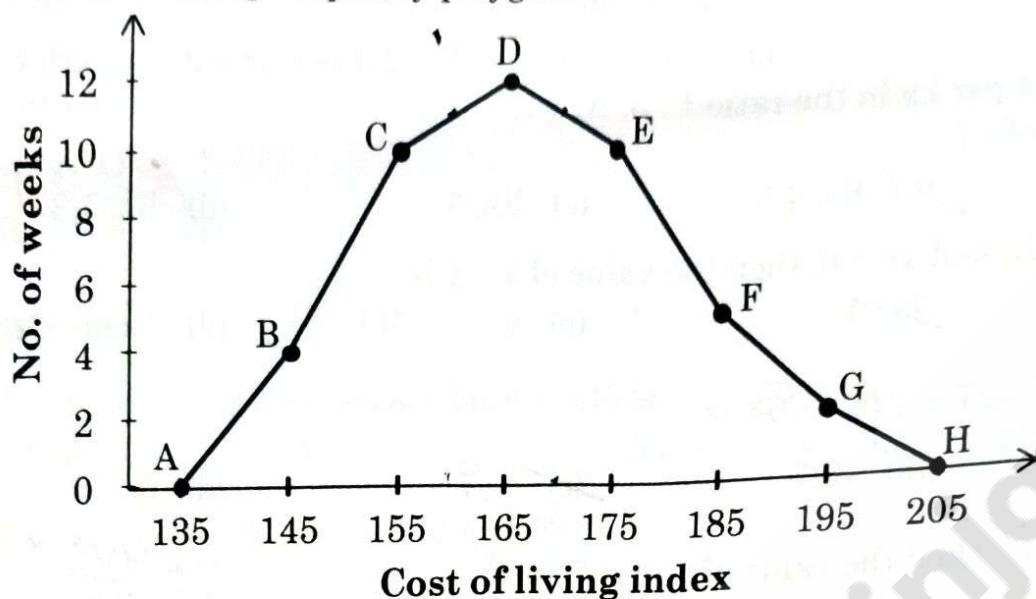


The cost of living index was in the interval 160 – 170 in the week

(a) 4        (b) 8        (c) 12        (d) 10

79. The histogram given below depicts the marks of students of the class and number of students of the class.
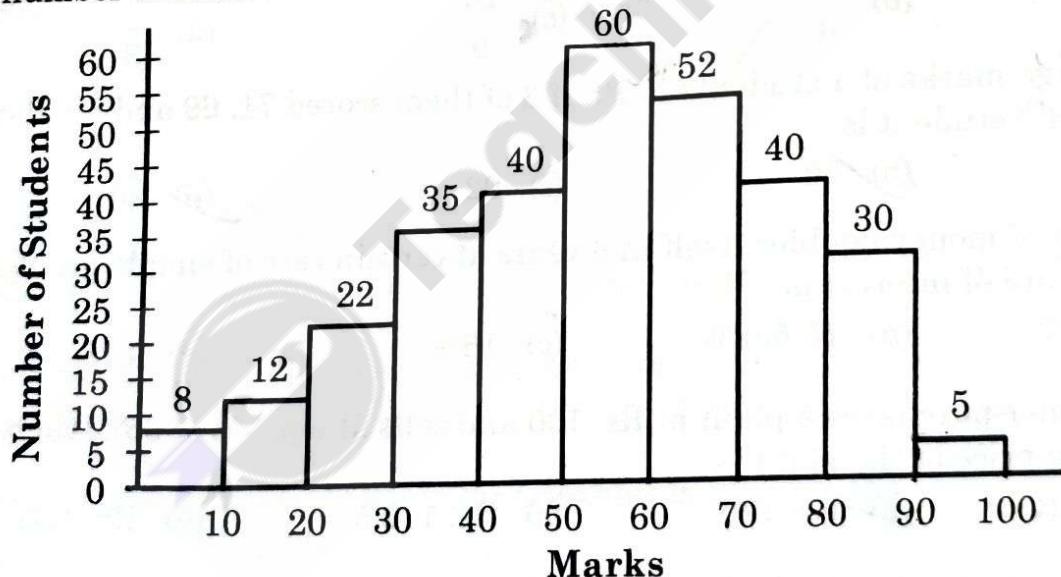


The number of students getting marks above 90 is

(a) 35        (b) 5        (c) 0        (d) 10

80. A hemispherical bowl has a radius of 3.5 cm. The volume of water it would contain is

(a) $\dfrac{2(3.5)^3\pi}{3}$ cm$^3$    (b) $\dfrac{4(3.5)^3\pi}{3}$ cm$^3$    (c) $\dfrac{2(3.5)^2\pi}{3}$ cm$^3$    (d) None of these

81. The minimum value of 3cosx + 4sinx + 8 is
    (a) 8        (b) 3        (c) 13        (d) None of these

82. A man mixes some quantity of inferior sugar at Rs. 2.4 per kg with superior sugar at Rs. 4 per kg in the ratio 1 : 3. At what price should he sell sugar to get a 25% profit ?
    (a) Rs. 3.6        (b) Rs. 4.5        (c) Rs. 5        (d) Rs. 4.2

83. If 5x + 4y = 22 and xy = 6, then the value of x − y is
    (a) −1        (b) 1        (c) 3        (d) None of these

84. The value of $3\sqrt{7} + \sqrt{28} - \sqrt{63}$ is
    (a) $\sqrt{7}$        (b) $3\sqrt{7}$        (c) $2\sqrt{7}$        (d) 0

85. If $x = 7 + 4\sqrt{3}$, then the value of $(x + x^{-1})$ is
    (a) $\dfrac{7}{\sqrt{3}}$        (b) $14 + 8\sqrt{3}$        (c) 17        (d) 14

86. The value of $\sqrt{8} \times \sqrt{2} \times \sqrt{\dfrac{1}{9}}$ is
    (a) $\dfrac{4}{3}$        (b) $\dfrac{3}{4}$        (c) $\dfrac{16}{9}$        (d) $\dfrac{2}{3}$

87. The average marks of 4 students is 70. If 3 of them scored 71, 69 and 50, then marks of 4$^{th}$ student is
    (a) 78        (b) 90        (c) 92        (d) 80

88. If the sum of money doubles itself in 6 years at certain rate of simple interest, then the rate of interest is
    (a) 16.667%        (b) 15.556%        (c) 18%        (d) 10%

89. If a gardener purchases a plant at Rs. 100 and sells at a profit of 25%, then the selling price of the plant is
    (a) Rs. 112        (b) Rs. 125        (c) Rs. 112.5        (d) Rs. 150

90. If a shopkeeper sells a book of price Rs. 100 at Rs. 85, then rate of discount offered is
    (a) 15%        (b) 25%        (c) 10%        (d) 12.5%

91. The volume of a cuboid of length 20 cm, height 15 cm and breadth 12 cm is
    (a) 3600 cm$^3$        (b) 3000 cm$^3$        (c) 1800 cm$^3$        (d) 7200 cm$^3$

92. The volume of a pyramid of height 2 cm and square base of side 3 cm is
    (a) 6 cm$^3$        (b) 18 cm$^3$        (c) 12 cm$^3$        (d) 3 cm$^3$

93. If 'O' is the centre of the circle and AB, AC are chords and ∠BOC = 120°, then find the angle at the point A in the following figure.
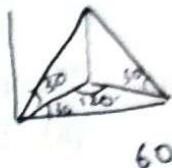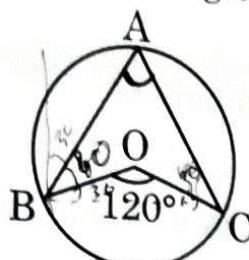
(a) 240°  (b) 60°  (c) 70°  (d) 50°

94. The value of sinθ × cosecθ × tanθ × cotθ is

(a) 0  (b) 1  (c) −1  (d) $\sec^2\theta$

95. If $\cos\theta + \sec\theta = 2$, then $\cos^2\theta + \sec^2\theta =$

(a) $2^2$  (b) $\dfrac{1}{2}$  (c) $\dfrac{1}{4}$  (d) 2

96. A circus artist is climbing a 20 m rope which is tightly stretched and tied from the top of a vertical pole to the ground. If the angle made by the rope with the ground is 30° as shown in the following figure, then the height of the pole is
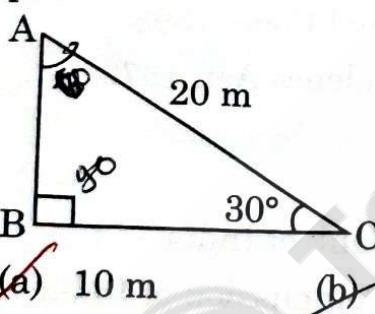
(a) 10 m  (b) 20 m  (c) 30 m  (d) 5 m

97. Perimeter of a circle of area 49π sq. units is

(a) 14π units  (b) 7π units  (c) 49π units  (d) π units

98. The ratio of the areas of 2 similar triangles is equal to the _____ of the ratio of their corresponding sides.

(a) Square  (b) Cube  (c) Square root  (d) None of these

99. In two congruent triangles ABC and DEF, if AB = DE, BC = EF, then ∠A =

(a) ∠E  (b) ∠F  (c) ∠D  (d) None of these

100. 12° in radian measure is

(a) $\dfrac{\pi}{15}$  (b) $\dfrac{\pi}{12}$  (c) $\dfrac{\pi}{14}$  (d) None of these

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101. The prohibition of employment of children in hazardous jobs is part of
    (a) Right to Liberty
    (b) Right to Equality
    (c) Right Against Exploitation
    (d) Right to Constitutional Remedies

102. Chandrayaan-1 mission launched by the Indian Space Research Organization (ISRO) in the year
    (a) 2023
    (b) 2019
    (c) 2008
    (d) 2006

103. Who is the Ambassador of Election Commission's National Voter Awareness ?
    (a) Shubhman Gill
    (b) Sachin Tendulkar
    (c) Virat Kohli
    (d) Suryakumar Yadav

104. The Central Government of India introduced Bharatiya Nyaya Sanhita Bill, 2023 to replace
    (a) Indian Penal Code, 1860
    (b) Indian Penal Code, 1898
    (c) Criminal Procedure Code, 1898
    (d) Indian Evidence Act, 1872

105. Which Institution of India launched 'cVIGIL' app ?
    (a) Indian Railway Department
    (b) Reserve Bank of India
    (c) Agricultural Department
    (d) Election Commission of India

106. The first space based Indian Mission to study the Sun is
    (a) Aditya-L1
    (b) Aditya-L2
    (c) Surya-L1
    (d) Surya-L2

107. Who discovered the first electric dynamo machine ?
    (a) Michael Faraday
    (b) Alexander Graham Bell
    (c) Thomas Alva Edison
    (d) J. J. Thomson

108. The host of the 15th BRICS Summit 2023 was
    (a) India
    (b) South Africa
    (c) China
    (d) Russia

B

109. Which city is the host of the 108th Session of Indian Science Congress (ISC) ?
    (a) Chennai
    (c) Nagpur
    (b) Bengaluru
    (d) Varanasi

110. The Headquarter of World Health Organization is situated in
    (a) New York
    (c) Washington
    (b) Geneva
    (d) Rome

111. Which among the following passes is present in Dibang Valley of Arunachal Pradesh ?
    (a) Chaukam pass
    (b) Pangsau pass
    (c) Sela pass
    (d) Kayela pass

112. Siang river of Arunachal Pradesh is called as _____ in Tibet.
    (a) Tisa
    (b) Tsangpo
    (c) Tissing
    (d) Tseung

113. Which dance form of Arunachal Pradesh is performed during the Dree festival to celebrate the beginning of rice planting season ?
    (a) Aji Lamu
    (b) Kacheng
    (c) Daminda
    (d) Ponung

114. Which district of Arunachal Pradesh shares its boundries with Tibet and Bhutan ?
    (a) Tawang
    (b) Papum Pare
    (c) Longding
    (d) Tirap

115. _____ is the biggest sanctuary in Arunachal Pradesh in terms of area.
    (a) Dibang Wildlife Sanctuary
    (b) Kamlang Wildlife Sanctuary
    (c) Kane Wildlife Sanctuary
    (d) Mehao Wildlife Sanctuary

116. The code name used for police action taken to merge Hyderabad with Indian Union in 1948 was
    (a) Operation Neptune Spear
    (b) Operation Red Star
    (c) Operation Blue Star
    (d) Operation Polo

117. The First Meeting of Indian Constituent Assembly was held on
    (a) 11th December 1946
    (b) 26th November 1946
    (c) 26th January 1946
    (d) 9th December 1946

B

118. Which of the following provisions in Indian Constitution is adopted from the Constitution of Canada ?

    (a) Parliamentary Form of Government
    (b) Charter of Fundamental Rights
    (c) Directive Principles of State Policy
    (d) The Idea of Residual Powers

119. Which Part of the Indian Constitution contains 'The Uniform Civil Code' ?

    (a) Fundamental Rights
    (b) Fundamental Duties
    (c) Executive Power of the Parliament
    (d) Directive Principles of State Policy

120. Which of the following Men's Hockey team won the Asian Champions Trophy 2023 held at Chennai ?

    (a) Malaysia      (b) Japan      (c) India      (d) Pakistan

121. The difference between the government's total expenditure and its total receipts excluding borrowing is called

    (a) Revenue deficit      (b) Primary deficit
    (c) Fiscal deficit      (d) None of the above

122. The chemical name of Vitamin C is

    (a) Ascorbic acid      (b) Thiamine
    (c) Retinoic acid      (d) Calciferol

123. Bronze is traditionally composed of

    (a) Copper and Zinc      (b) Copper and Steel
    (c) Copper and Tin      (d) Copper and Aluminium

124. The Stethoscope was invented by

    (a) Rene Lannec      (b) W. Roentgen
    (c) Edward Jenner      (d) Joseph Lister

125. India's Chandrayaan-3 spacecraft was launched on

    (a) 24th July 2023      (b) 14th July 2023
    (c) 12th July 2023      (d) 14th August 2023

B

126. Who among the following was the first male IAS Officer from Arunachal Pradesh ?
    (a) Robin Hibu
    (c) Jomin Tayeng
    (b) Kuru Harang
    (d) P. K. Thungon

127. Who among the following was the first State Election Commissioner of Arunachal Pradesh ?
    (a) Hage Kojeen
    (c) Nyudek Yongham
    (b) Rinchin Tashi
    (d) J. M. Tangu

128. _____ is the thinly populated district in Arunachal Pradesh.
    (a) Papum Pare
    (c) Dibang Valley
    (b) Longding
    (d) Kurung Kumey

129. Which among the following districts of Arunachal Pradesh has the highest literacy rate ?
    (a) Papum Pare
    (c) Dibang Valley
    (b) Longding
    (d) Kurung Kumey

130. In 1974, the capital of Arunachal Pradesh was shifted from _____ to Itanagar.
    (a) Delhi
    (c) Guwahati
    (b) Tawang
    (d) Shillong

131. Which of the following layer of atmosphere contains the Ozone Layer ?
    (a) Mesosphere
    (c) Stratosphere
    (b) Ionosphere
    (d) Troposphere

132. The lines connecting places having equal pressure are called as
    (a) Isobars
    (c) Isotopes
    (b) Isotherms
    (d) Isohyets

133. Which of the following statement is incorrect about Coriolis Force ?
    (a) Coriolis Force deflects the wind to the right direction in the northern hemisphere and to the left in the southern hemisphere.
    (b) The deflection is more when the wind velocity is high.
    (c) It is directly proportional to the angle of latitude.
    (d) It is maximum at the equator and absent at the poles.

B

134. Which one of the following is an indirect tax ?
    (a) Wealth Tax
    (b) Corporation Tax
    (c) Personal Income Tax
    (d) Excise Tax

135. The Personal Data Protection Bill, 2019 was introduced in Lok Sabha based on the recommendation of
    (a) N. N. Vohra Committee
    (b) Justice Malhotra Committee
    (c) K. V. Subramaniam Committee
    (d) B. N. Srikrishna Committee

136. In India, the 'National Panchayati Raj Day' is observed every year on
    (a) March 8
    (b) April 8
    (c) April 24
    (d) April 22

137. The spacecraft launched by Russia recently as a part of its lunar exploration is
    (a) COSMOS-15
    (b) Luna-25
    (c) Luna-23
    (d) COSMOS -23

138. Which village of Gujarat is declared as India's 'first solar powered village' ?
    (a) Kheda
    (b) Waghai
    (c) Amreli
    (d) Modhera

139. Elaben Bhatt was the founder of
    (a) Self Employed Women's Association (SEWA)
    (b) All India Women's Conference (AIWC)
    (c) Association of Women Against Raising Expenses (AWARE)
    (d) National Alliance of Women (NAW)

140. Who among the following Indian freedom fighter is termed as 'Father of Indian Unrest' by British ?
    (a) Mahatma Gandhi
    (b) Subhash Chandra Bose
    (c) Bhagat Singh
    (d) Bal Gangadhar Tilak

141. Indian men's cricket team played its 1000th One Day International (ODI) match on 6th February 2022 with
    (a) England
    (b) Australia
    (c) South Africa
    (d) West Indies

142. Who is the winner of Tennis Grand Slam 2023 Wimbledon Open-Men's Singles title ?
    (a) Daniil Medvadev
    (b) Novak Djokovic
    (c) Holger Rune
    (d) Carlos Alcaraz

B

143. The Karakattam is an ancient folk dance of
    (a) Andhra Pradesh
    (b) Kerala
    (c) Tamil Nadu
    (d) Odisha

144. The 'Rajasthani' and 'Pahari school of art' are famous for
    (a) Dance
    (b) Music
    (c) Sculpture
    (d) Painting

145. The famous Dancing Girl sculpture was found in
    (a) Harappa
    (b) Mohenjodaro
    (c) Kalibangan
    (d) Lothal

146. Al-Biruni's 'Kitab-ul-Hind' was written in
    (a) Persian
    (b) Hindi
    (c) Urdu
    (d) Arabic

147. Arrange the following events of history in chronological order.
    I. Invasion of Alexander of Macedon
    II. Reign of Ashoka
    III. Accession of Chandragupta Maurya
    IV. Reign of Samudragupta
    (a) I, II, III, IV
    (b) II, I, IV, III
    (c) IV, III, I, II
    (d) I, III, II, IV

148. Kalinga was the erstwhile name of which State of India ?
    (a) Telangana
    (b) Karnataka
    (c) Odisha
    (d) Chhattisgarh

149. The State of Manipur was formed in the year
    (a) 1975
    (b) 1982
    (c) 1950
    (d) 1972

150. The type of election conducted to fill the vacancy arising due to death or resignation or disqualification of an elected member is
    (a) By-election
    (b) Re-election
    (c) General election
    (d) Mid term election