Test Booklet No.

12550365

**Subject : GENERAL TEST**
**Code : 501 E**
**Medium : English**

**(Do not open this Test Booklet until you are asked to do so)**

Test Booklet Code

**A**

| Time Allowed : 60 minutes | Maximum Marks : 250 | Total Questions : 60 | Number of questions to be answered : 50 |
|---|---|---|---|

**Kindly read the Instructions given on this Page and Back Page carefully before attempting this Question Paper.**

***Important Instructions for the Candidates :***

1. This Test Booklet contains **60** questions printed in English. Out of these, the candidate is required to answer any **50** questions. If a candidate answers more than 50 questions, the first 50 answered questions will be considered for evaluation.
2. When you are given the OMR Answer Sheet, fill in your particulars on it carefully with **blue/black** ball point pen only.
3. Use only Blue/Black Ball Point Pen for marking responses.
4. The CODE for this Test Booklet is **A**. Make sure that the CODE printed on the OMR Answer Sheet is the same as that on this Test Booklet. Also ensure that your Test Booklet No. and OMR Answer Sheet No. are exactly the same. In case of discrepancy, the candidate should immediately report the matter to the Invigilator for replacement of both the Test Booklet and the OMR Answer Sheet. No claim in this regard will be entertained after five minutes from the start of the examination.
5. Before attempting the question paper kindly check that this Test Booklet has total **16** pages and OMR Answer Sheet consists of one sheet. At the start of the examination within first five minutes, candidates are advised to ensure that all pages of Test Booklet and OMR Answer Sheet are properly printed and they are not damaged in any manner.
6. Each question has four answer options. Out of these four options choose the **MOST APPROPRIATE OPTION** and darken/blacken the corresponding circle on the OMR Answer Sheet with a Blue/Black Ball Point Pen.
7. Five (5) marks will be given for each correct answer. One (1) mark will be deducted for each incorrect answer. If more than one circle is found darkened/blackened for a question, then it will be considered as an incorrect answer. Unanswered questions will be given no mark.

P.T.O.

Name of the Candidate (in Capital Letters) : _____

Application Number (in figures) : _____

Roll Number (in figures) : _____

Centre of Examination (in Capital Letters) : _____

Candidate's Signature : _____ Invigilator's Signature : _____

Facsimile signature stamp of Centre Superintendent : _____

1. From the given options, which pass connects Jammu with Srinagar ?

(1) Banihal pass (2) Nathu La pass

(3) Niti pass (4) Rohtang pass

2. Which of the following is ***not*** correctly matched regarding Padma Awards-2024 ?

(1) Padma Vibhushan Award ⟶ Shri Konidela Chiranjeevi

(2) Padma Shri Award ⟶ Mithun Chakraborty

(3) Padma Bhushan Award ⟶ M. Fathima Beevi

(4) Padma Bhushan Award ⟶ Sitaram Jindal

3. Match List-I with List-II :

| **List-I Person** | **List-II Area of work** |
|---|---|
| (A) Vishakhadatta | (I) Medicine |
| (B) Kartikeya Sarabhai | (II) Poet |
| (C) Charaka | (III) Environmentalist |
| (D) Satyendra Nath Bose | (IV) Mathematics |

Choose the correct answer from the options given below.

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

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

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

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

4. If $\sin A = \frac{4}{5}$, then $(3 - \tan A)(2 + \cos A) =$

(1) $\frac{12}{5}$ (2) $\frac{13}{3}$ (3) $\frac{13}{5}$ (4) 3

5. A man can row a boat at 8 km/h in still water. If the speed of the water current is 2 km/h and it takes him 2 hours to row to a place and come back, then how far off (in km) is the place ?

(1) 7.5 (2) 6 (3) 9.5 (4) 10

SPACE FOR ROUGH WORK

6. The following states were formed after 1960. What was the correct sequence of their formation ?

(A) Haryana
(B) Sikkim
(C) Nagaland
(D) Goa

Choose the correct answer from the options given below.

(1) (C), (B), (A), (D)
(2) (C), (A), (B), (D)
(3) (C), (D), (A), (B)
(4) (D), (C), (A), (B)

7. Out of the given options, which scheme's objective is to conduct an annual survey at the gram panchayat level to monitor the progress in the development process of rural areas ?

(1) Mission Antyodaya (2022-23)
(2) Mission Karmayogi (2022-23)
(3) Mission Rashtriya Gokul (2022-23)
(4) Mission Atmanirbhar Bharat (2022-23)

8. Which one of the following countries is ***not*** a member of the "Quadrilateral Security Dialogue", also known as "QUAD" ?

(1) China
(2) Japan
(3) India
(4) Australia

9. Who has become the first woman chairperson of the Railway Board of Indian Railways in 2023 ?

(1) Jaya Verma Sinha
(2) Mita Vashishth
(3) Ravneet Kaur
(4) Vasudha Gupta

10. Match List-I with List-II :

| **List-I** Country | **List-II** Currency |
|---|---|
| (A) Myanmar | (I) Ruble |
| (B) Russia | (II) Ngultrum |
| (C) Malaysia | (III) Kyat |
| (D) Bhutan | (IV) Ringgit |

Choose the correct answer from the options given below.

(1) (A) - (III), (B) - (I), (C) - (II), (D) - (IV)
(2) (A) - (III), (B) - (I), (C) - (IV), (D) - (II)
(3) (A) - (IV), (B) - (I), (C) - (III), (D) - (II)
(4) (A) - (II), (B) - (I), (C) - (IV), (D) - (III)

**SPACE FOR ROUGH WORK**

11. "Jhulaghat Suspension Bridge" between India and which country has become fully operational now ?

(1) Bhutan (2) Nepal

(3) China (4) Myanmar

12. Due to ocean acidification when the ocean becomes more acidic, what happens to the pH level of the ocean ?

(1) The pH level goes down.

(2) The pH level stays the same.

(3) The pH level goes up.

(4) The pH level becomes zero.

13. Who is the first para-athlete to receive the Padma Bhushan award in India ?

(1) Bhavina Patel

(2) Devendra Jhajharia

(3) Avani Lekhara

(4) Mariyappan Thangavelu

14. Zemu Glacier is located in which state of India ?

(1) Uttarakhand (2) Himachal Pradesh

(3) Sikkim (4) Arunachal Pradesh

15. Who among the following is Chile's first woman President ?

(1) Mary Robinson

(2) Michelle Bachelet

(3) Kim Campbell

(4) Jennifer Shipley

16. Which organisation developed and launched 'Ugram' Indigenous Assault Rifle for the armed forces ?

(1) ISRO (2) BEL

(3) HAL (4) DRDO

17. Which of the following substances is a bad conductor of electricity ?

(1) Diamond (2) Gold (3) Silver (4) Graphite

**SPACE FOR ROUGH WORK**

18. Which of the following disease is caused due to the deficiency of proteins ?

(1) Arthritis

(2) Kwashiorkor

(3) Goitre

(4) Night Blindness

19. Match List-I with List-II :

| List-I<br>Navy (Institution) | List-II<br>Place |
|---|---|
| (A) INS Chilka | (I) Goa |
| (B) INS Hansa | (II) Andhra Pradesh |
| (C) INS Satavahana | (III) Kerala |
| (D) INS Garuda | (IV) Odisha |

Choose the correct answer from the options given below.

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

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

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

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

20. DRDO has conducted the first successful flight test of Agni-5 missile equipped with MIRV technology. What is the full form of MIRV ?

(1) Multiple Independently Targetable Re-Entry Vehicle

(2) Mission India Target Re-Entry Vehicle

(3) Multiple Independently Technology Re-Entry Vehicle

(4) Multiple Indirect Targetable Re-Entry vehicle

21. Which Indian has won the "Ramon Magsaysay Award-2023" ?

(1) Korvi Rakshand

(2) Ashwini Kumar

(3) Dipti Ranjan Sahoo

(4) Dr. Ravi Kannan R.

SPACE FOR ROUGH WORK

22. Who has been appointed the Chairman of the 16th Finance Commission of India ?

(1) Ajay Narayan Jha

(2) Smt. Annie George Mathew

(3) Pradip Kumar Mohanty

(4) Dr. Arvind Panagariya

23. Sri Ranganathswamy Temple which is situated in Tamil Nadu, is dedicated to which deity ?

(1) Lord Shiva

(2) Lord Vishnu

(3) Goddess Durga

(4) Goddess Lakshmi

24. The Election Commission of India gets the power to conduct elections from which of the following articles ?

(1) Article 324

(2) Article 280

(3) Article 264

(4) Article 26

25. Match List-I with List-II :

| List-I Centre of Handicraft | List-II State |
|---|---|
| (A) Mon | (I) Arunachal Pradesh |
| (B) Nalbari | (II) Assam |
| (C) Pasighat | (III) Meghalaya |
| (D) Tura | (IV) Nagaland |

Choose the correct answer from the options given below.

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

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

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

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

SPACE FOR ROUGH WORK

26. In which state is ''Amchang Wildlife Sanctuary'' loacted ?
(1) Assam
(2) Rajasthan
(3) Odisha
(4) Manipur

27. India's first 3D-printed Post Office has been inaugurated in :
(1) Guwahati
(2) Kolkata
(3) Mumbai
(4) Bengaluru

28. What should come in the place of the question mark (?) in the following alphanumeric series ?
A1X, B4P, E25J, J100F, ?
(1) O289D
(2) O225E
(3) Q289D
(4) Q225E

29. In the given analogy, choose the word which will replace the question mark :
NEGI : MVTR :: SING : ?
(1) TRNS
(2) TRNT
(3) FRMT
(4) HRMT

30. In a certain code language 'ki ru pi' means 'nobody like cruel', 'ki mi cha' means 'king was cruel' and 'ru pi cha' means 'nobody like king'. What is the code for 'was' in the given code language ?
(1) ki
(2) mi
(3) cha
(4) ru

31. Read the following information carefully to choose the best option for the question :
'P % Q' means that 'P is the sister of Q'
'P + Q' means that 'P is the son of Q'
'P × Q' means that 'P is the husband of Q'
'P – Q' means that 'P is the brother of Q'
Which of the following means 'A is the son-in-law of G' ?
(1) A × U + S × G
(2) A + S % U × G
(3) A – S + U × G
(4) A × U % S + G

**SPACE FOR ROUGH WORK**

**32.** If 26th January, 2020 was a Sunday, then what day of the week was it on 16th March of that year ?

(1) Sunday
(2) Monday
(3) Tuesday
(4) Wednesday

**33.** What will be the measurement of the angle made by the hour and minute hands of a clock when the time is 'quarter past 3' ?

(1) $6\frac{1}{2}^\circ$
(2) $10^\circ$
(3) $7\frac{1}{2}^\circ$
(4) $8\frac{1}{2}^\circ$

**34.** If in a certain code laguage, 'MERCURY' is coded as 'NGUGZXF', then how will 'ENTANGLE' be coded in the same code language ?

(1) FPXFSMSM
(2) FPWESMSM
(3) FPWESNSN
(4) FPWFTNSM

**35.** The problem given below consists of a question and two statements numbered I and II. You have to decide whether the data provided in the statements are sufficient to answer the question.

How many sisters does Sunny have ?

I. Sunny is the only son of his parents.

II. Sunny's parents have three children.

(1) Only statement I alone is sufficient to answer the question.
(2) Only statement II alone is sufficient to answer the question.
(3) Statements I and II together are sufficient to answer the question.
(4) Either statement I or II alone is sufficient to answer the question.

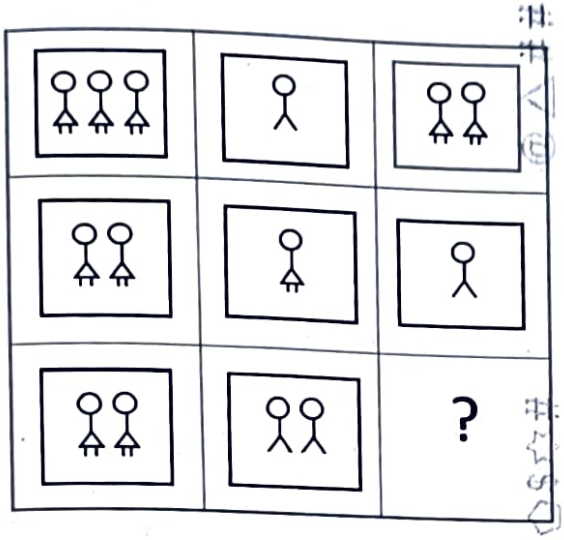
**36.** A boy leaves his house. He travels 6 km towards South, then travels 8 km towards West and further travels 9 km towards South. How far and in which direction is he from his house now ?

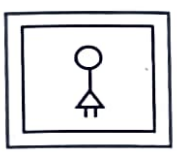
(1) 13 km, South West
(2) 17 km, South West
(3) 17 km, North West
(4) 13 km, West

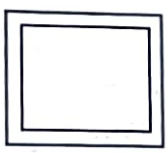
**SPACE FOR ROUGH WORK**

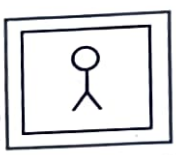
37. Find out which of the answer figures completes the figure matrix :

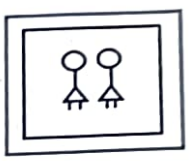
Problem figure :




(1) 

(2) 

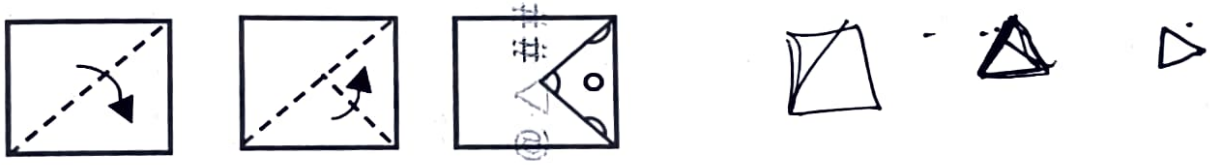
(3) 

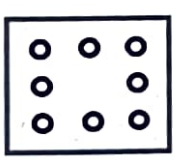
(4) 

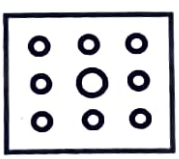
38. A clock seen through a mirror shows 'quarter to seven'. What is the correct time shown by the clock ?

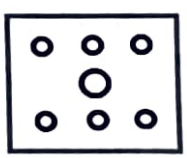
(1) 6:15 (2) 6:17 (3) 5:17 (4) 5:15

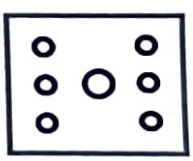
39. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded ?



(1) 

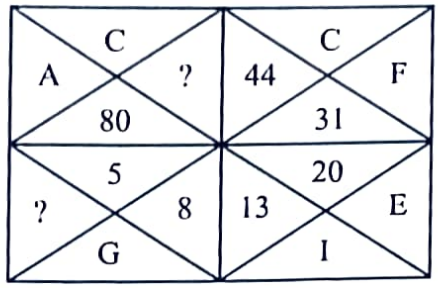
(2) 

(3) 

(4) 

SPACE FOR ROUGH WORK

**40.** Find out the missing (?) number and letter.




(1) 59 and K

(2) 61 and L

(3) 61 and K

(4) 59 and L

**41.** What will be the next number of the series

3, 6, 10.5, 17, 26, ?

(1) 31

(2) 38

(3) 40

(4) 41

**42.** In a class of 40 students, Anjali's rank is thrice that of Anita. There are 4 students who have ranks worse than that of Anjali. Anita's rank in the class is :

(1) 9th

(2) 10th

(3) 18th

(4) 12th

**43.** Six people E, H, K, M, S and U are seated in a circle facing the centre. U and H are immediate neighbours of M. E is the only person sitting between K and S. H is to the immediate right of S. Who is to the immediate right of U ?

(1) M (2) E (3) K (4) S

**SPACE FOR ROUGH WORK**

44. Find out which of the answer figures from the options can be formed using all the pieces given in the problem figure.

Problem figure

(1) 

(2) 

(3) 

(4) 

45. Read the given statements and conclusions carefully assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts. Decide which of the given conclusion(s) logically follows from the statements.

*Statements :*

No keyboard is a mouse.

All mouses are computers.

All computers are laptops.

*Conclusions :*

I. All mouses are laptops.

II. All computers can never be keyboards.

(1) Only conclusion I follows

(2) Only conclusion II follows

(3) Neither conclusion I nor II follows

(4) Both conclusions I and II follow

**SPACE FOR ROUGH WORK**

**46.** Simplify : $24 \div 4 \times 2 + 8 - 4 = ?$

(1) 1 (2) 7 (3) 16 (4) 56

**47.** The difference of the greatest and the smallest of the fractions $\frac{1}{2}, \frac{8}{11}, \frac{7}{8}, \frac{7}{9}, \frac{5}{6}$ is :

(1) $\frac{3}{8}$ (2) $\frac{6}{7}$ (3) $\frac{7}{9}$ (4) $\frac{1}{3}$

**48.** The sum of LCM and HCF of two numbers is 854. If the LCM is 60 times the HCF and one of the numbers is 70, then the other number is

(1) 160 (2) 164 (3) 168 (4) 172

**49.** The present age of Harish is 8 times the sum of the ages of his two sons at present. After 8 years, his age will be 2 times the sum of the ages of his two sons. The present age of Harish (in years) is :

(1) 31 (2) 32

(3) 33 (4) 34

**50.** In an examination, it is required to get 300 marks to pass. A student gets 225 marks and is declared fail by 10% marks. What are the maximum marks of the examination ?

(1) 700 (2) 750

(3) 800 (4) 850

**51.** In a class of 40 students, ratio of boys and girls is 3 : 2 and the average marks scored by boys is 42 and that by girls is 46. Then the average marks scored by the whole class is :

(1) 43.4 (2) 43.6

(3) 43.8 (4) 44

**52.** The sum of three numbers is 136. If the ratio between the first number and the second number is 2 : 3 and that between the second and the third number is 5 : 8, then the first number is :

(1) 42 (2) 40

(3) 36 (4) 32

**SPACE FOR ROUGH WORK**

53. An item is sold for ₹ 504 after allowing 20% discount and still a profit of 5% has been earned. The marked price is how much more than the cost price ?

(1) ₹ 120 (2) ₹ 135

(3) ₹ 150 (4) ₹ 160

54. A certain sum becomes ₹ 2,356 in 3 years and ₹ 2,660 in 5 years on simple interest. The value of sum is :

(1) ₹ 1,800 (2) ₹ 1,880 (3) ₹ 1,900 (4) ₹ 1,980

55. In a square, lengths of the diagonals are (4k + 6) cm and (7k – 3) cm. The area of the square (in $cm^2$) is :

(1) 144 (2) 162 (3) 169 (4) 172

56. The volume of a cylinder having base radius 3 cm is 396 $cm^3$. Find its curved surface area (in $cm^2$).

(Use $\pi = \frac{22}{7}$)

(1) 280 (2) 301.5 (3) 264 (4) 320.6

57. A tap can fill a tank in 6 hours. After half the tank is filled, three more similar taps are opened. What is the total time taken to fill the tank completely ?

(1) 4 hours (2) 5 hours

(3) 3 hours 30 minutes (4) 3 hours 45 minutes

58. A train running at the speed of 80 km/h crosses a 350 m long tunnel in 36 seconds. The length of the train (in m) is

(1) 350 (2) 380 (3) 420 (4) 450

59. If the mean of 3, 4, 9, 2k, 10, 8, 6 and (k + 6) is 8, and mode of 2, 2, 3, 2p, (2p + 1), 4, 4, 5 and 6 (p is a natural number) is 4, then the value of (k – 2p) is :

(1) 0 (2) 1 (3) 2 (4) 3

60. In triangle ABC, points D and E are on AB and AC respectively such that DE is parallel to BC. If AD = 6 cm, DB = 4 cm, AE = 9 cm, then the length of EC (in cm) is

(1) 7 (2) 6.4 (3) 6 (4) 5.5

SPACE FOR ROUGH WORK