

2003 IV 24 1300

0502

Seat No.

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P 35 (English Medium)

Paper No. II

Mathematics

Time : 1 P.M. to 2 P.M.

Pages : 8

Total Marks : 100

Instructions :—

- (1) This question paper contains **50** questions carrying **2** marks each.
- (2) *All* questions are compulsory.
- (3) A separate answer-sheet is provided. Every question has four alternatives to choose your answer from. These alternatives are numbered 1, 2, 3, 4. Out of these only one choice of answer is correct. This correct alternative number should be written in the block provided in the answer-sheet, next to the corresponding question number

2

.
- (4) As far as possible, avoid any cancellations.
- (5) While correcting the answer, cancel the wrong answer number by drawing three lines across it as shown

3

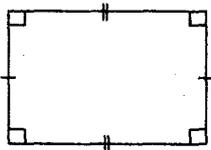
. The corrected answer number should be written next to the cancelled block, to look like

3

 2.
- (6) The correction can be done only once for each question.
- (7) More than **5** corrections will not be given marks.
- (8) If you don't know the answer to a question, go on to attempt the next ones. After you have answered the whole paper, attempt the remaining questions.
- (9) A space has been provided on every question paper for rough work. Use only that space for your rough work.

1. $37 + 21 = ?$

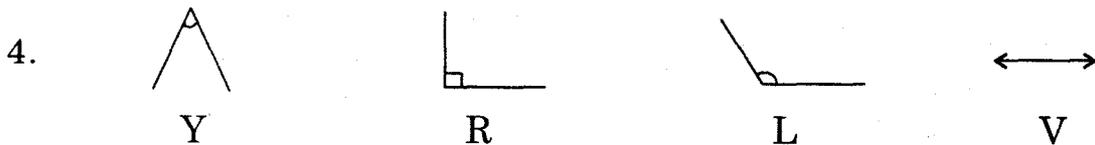
- (1) 94 (2) 58 (3) 85 (4) 49

2.  The adjacent figure is.....

- (1) a square (2) a rhombus
(3) a rectangle (4) a kite

3. $205 \times 25 = ?$

- (1) 5025 (2) 5125
(3) 50125 (4) 51025



Out of the figures given above, which is the figure of an obtuse angle ?

- (1) Y (2) R (3) L (4) V

5. $\frac{5}{2} = \dots\dots\dots$

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

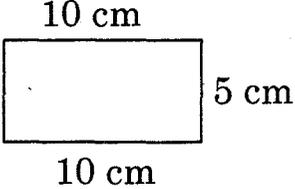
6. How is 3.5 read ?

- (1) Three five (2) Thirty five
(3) Five point three (4) Three point five

7. $\frac{7}{15} - \frac{4}{15} = ?$

- (1) $\frac{7}{15}$ (2) $\frac{4}{15}$ (3) $\frac{3}{15}$ (4) $\frac{11}{15}$

SPACE FOR ROUGH WORK

8.  What is the perimeter of the given rectangle ?

- (1) 15 cm (2) 30 cm (3) 50 cm (4) 100 cm
9. 4000 paise = ?
 (1) 40.00 rupees (2) 400.00 rupees
 (3) 4.00 rupees (4) 4000.00 rupees
10. For which number the expanded form $4000 + 200 + 50 + 3$ is written ?
 (1) 42053 (2) 4253 (3) 40253 (4) 4523
11. How will you write "numerator" four denominator seven" in fraction form ?

- (1) $\frac{7}{4}$ (2) $\frac{4}{7}$ (3) $4\frac{1}{7}$ (4) $7\frac{1}{4}$

12. What is the remainder of this division $7\overline{)35}$?
 (1) 25 (2) 5 (3) 4 (4) 0

13. $378 - 67 = \dots\dots\dots$
 (1) 301 (2) 310 (3) 311 (4) 435

14. Which symbol should be put in the box
 $7 \text{ H } \square 4 \text{ H } ?$

- (1) $<$ (2) $=$ (3) $>$ (4) \wedge

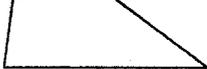
15.

1.5 cm	2 cm	3.5 cm	4 cm
A	B	C	D

Which is the biggest segment among the given four segments ?

- (1) A (2) B (3) C (4) D
16. A packet of 250 grams of sugar was made. To make 5 such packets, how much sugar will be required ?
 (1) 1 kg (2) 6 kg
 (3) 5 kg 250 grams (4) 1 kg 250 grams

SPACE FOR ROUGH WORK

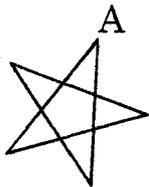
25.  How many angles are there in the given figure ?
(1) 1 (2) 3 (3) 4 (4) 2
26. 7 equal rows of 70 students from a class were made for a drill, then, how many students will be there in each row ?
(1) 10 (2) 7 (3) 17 (4) 11
27. Suma had Rs. 50. From that amount she bought bangles worth Rs. 15 and flowers worth Rs. 5. Then, how much money was left with her ?
(1) Rs. 35 (2) Rs. 30 (3) Rs. 45 (4) Rs. 20
28. Which is the smallest three-digit number ?
(1) 010 (2) 100 (3) 001 (4) 111
29. If 64, 25, 81, 36, 49 are arranged in ascending order, what will be the middle number ?
(1) 36 (2) 64 (3) 25 (4) 49
30. How many centimetres make 1.5 metres ?
(1) 15 (2) 1500 (3) 150 (4) 105
31. If 10 students are given 200 millilitres of milk each, what is the quantity of milk required ?
(1) 20 litres (2) 2 litres (3) 21 litres (4) 12 litres
32. $999 + 111 = ?$
(1) 1010 (2) 1100 (3) 1000 (4) 1110
33. Which of the following numbers is not divisible by 5 ?
(1) 30 (2) 33 (3) 35 (4) 45

SPACE FOR ROUGH WORK

34. In a month, 9th was a Tuesday. What will be the date on next Tuesday ?
 (1) 2 (2) 16 (3) 7 (4) 11
35. Which digit is in the hundreds place, in the addition (1234 + 2341) ?
 (1) 5 (2) 7 (3) 3 (4) 2
36. $5\frac{2}{10}$ means
- (1) 5.2 (2) 5.002 (3) 5.02 (4) 2.5
37. 5 kilogram = ?
 (1) 5 grams (2) 50 grams
 (3) 500 grams (4) 5000 grams
38. If one gunny bag contains 100 coconuts, then what will be the number of coconuts in 63 such bags ?
 (1) 6300 (2) 6030 (3) 63000 (4) 60300
39. Which of the following numbers has 2, 3 and 5 as factors ?
 (1) 6 (2) 10 (3) 15 (4) 30
40. If the perimeter of an equilateral triangle is 15 cm, then what is the length of one side of that triangle ?
 (1) 3 cm (2) 5 cm (3) 12 cm (4) 15 cm
41. John started ploughing the field at 8 O'clock before noon. He went for lunch at half past one after noon. For how many hours did he work ?
 (1) Five and a half (2) Six and a half
 (3) Seven (4) Nine and a half
42. $1000 \div 10 \div 10 = ?$
 (1) 1000 (2) 100 (3) 10 (4) 1

SPACE FOR ROUGH WORK

43. Saguna ran 6 rounds on a 400 m long track. Find the total distance she ran.
- (1) 4 km (2) 24 km
(3) 2 km 4 m (4) 2 km 400 m
44. Gaurav Singh bought a pen worth five and a quarter rupees, an ink-bottle worth six and a half rupees and a ruler worth one and a half rupee. How much money should he give to the shopkeeper ?
- (1) Thirteen and a half rupees
(2) Thirteen rupees
(3) Thirteen and a quarter rupees
(4) Twelve and three quarters rupees
45. What is the place value of digit 7 in 34.57 ?
- (1) 7 (2) $\frac{7}{10}$ (3) $\frac{7}{100}$ (4) 70
46. How many prime numbers are there between 1 and 10 ?
- (1) 4 (2) 3 (3) 2 (4) 5
47. Which is the smallest fraction ?
- (1) $\frac{11}{17}$ (2) $\frac{11}{30}$ (3) $\frac{11}{15}$ (4) $\frac{11}{18}$
48. The perimeter of a rectangular garden is 200 metres. For fencing the garden 5 times with wire, what will be the total cost of the wire, at the rate of Rs. 2 per metre ?
- (1) Rs. 400 (2) Rs. 1000
(3) Rs. 2000 (4) Rs. 500
49. $3 \times (7 + 3) - (27 \div 9) \times 10 = ?$
- (1) 0 (2) 20 (3) 60 (4) 6



50. In the given figure, how many triangles have 'A' as the vertex ?
- (1) One (2) Two (3) Three (4) Four

SPACE FOR ROUGH WORK