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0502

VSA (English Medium)

Paper No. II

Mathematics

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

Pages : 14

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 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, e.g.

4

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- (4) The correct alternative should be written in English number only. Answers in any other language will not be considered.
- (5) As far as possible avoid cancellations and overwriting. Answers written in this way will not be considered.
- (6) Answers should be written in blue or black ink pen or ball point pen. Answer written in pencil or red or any other coloured ink will not be checked.
- (7) 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.
- (8) The correction can be done only **once** for each question.
- (9) In one subject maximum **five** corrections will be considered. More than **five** corrections will not be given marks.
- (10) Space for rough work has been provided in the question paper.

1. Seven and a quarter rupee means how many paise ?
(1) 715 (2) 775
(3) 725 (4) 750
2. $605 + 281 = \dots\dots\dots$
(1) 884 (2) 886
(3) 486 (4) 484
3. 5 weeks = how many days ?
(1) 50 (2) 60
(3) 40 (4) 35
4. How will you write 'nine thousand and forty two' in numbers ?
(1) 942 (2) 9042
(3) 9420 (4) 900042
5. Eight and half kilograms means how many grams ?
(1) 850 (2) 8250
(3) 8500 (4) 8750
6. How will you read $\frac{17}{19}$?
(1) Seventeen integer part out of nineteen
(2) Nineteen part upon seventeen
(3) Seventeen upon nineteen
(4) Nineteen integer upon seventeen

SPACE FOR ROUGH WORK

7. 9534 9543. Which correct sign will be used in the box ?

(1) $<$ (2) $=$

(3) $>$ (4) \wedge

8. $64 \times 100 = \dots\dots\dots$

(1) 640 (2) 6040

(3) 6400 (4) 64

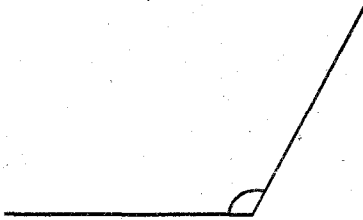
9. Convert the improper fraction $\frac{58}{9}$ in mixed number :

(1) $5\frac{4}{9}$ (2) $7\frac{5}{9}$

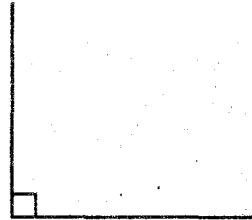
(3) $6\frac{5}{9}$ (4) $6\frac{4}{9}$

10. Which of the figure given below is a right angle ?

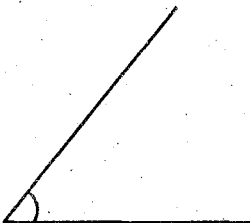
(1)



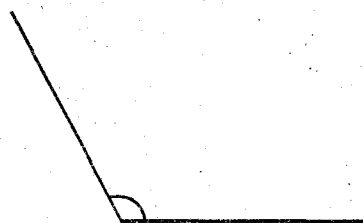
(2)



(3)



(4)



SPACE FOR ROUGH WORK

11. $9998 - 524 = \dots\dots\dots$

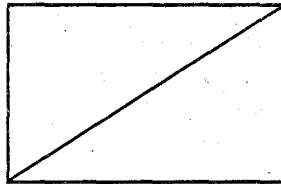
(1) 4758

(2) 8474

(3) 9472

(4) 9474

12. How many vertices are there in the following figure ?



(1) 3

(2) 5

(3) 6

(4) 4

13. $6478 + 2947 = \dots\dots\dots$

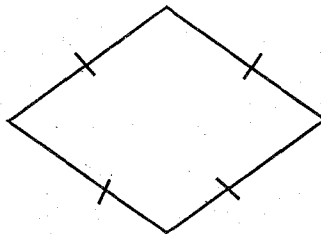
(1) 9325

(2) 8425

(3) 9425

(4) 9415

14. What is the name of the following figure ?



(1) Kite

(2) Rectangle

(3) Square

(4) Rhombus

15. $302 \times 16 = \dots\dots\dots$

(1) 512

(2) 4832

(3) 4992

(4) 5102

16. What is the sum of single digit prime numbers ?

(1) 15

(2) 17

(3) 18

(4) 24

17. All the angles of a square are

Fill in the blank with the *correct* alternative.

(1) obtuse angle

(2) acute angle

(3) right angle

(4) straight angle

18. How many hours make 180 minutes ?

(1) 2

(2) 3

(3) 4

(4) 5

19. $7000 + 400 + 80 + 4$ is the expanded form of which number given below ?

(1) 7584

(2) 7384

(3) 7484

(4) 4784

20. 4 m 5 cm = cm.

(1) 450

(2) 45

(3) 4005

(4) 405

21. 2050 animals were grazing in a pasture. Out of them 955 were buffaloes, 467 were bullocks and the remaining were cows. How many cows were grazing in the pasture ?

(1) 628

(2) 1422

(3) 728

(4) 1432


22. $312 \div 3 = \dots\dots\dots$

(1) 14

(2) 104

(3) 103

(4) 106

23.  Name the adjoining figure from the following :

(1) Ray

(2) Angle

(3) Line segment

(4) Line

24. If four and a half litres of milk is taken daily, then how many litres of milk will be taken in one week ?

(1) Twenty nine and a half

(2) Thirty one and a half

(3) Thirty six

(4) Thirty and a half

25. Twenty point zero five.

This decimal fraction in figures is written as :

(1) 20.50 (2) 20.05

(3) 2.005 (4) 20.5

26. Choose the correct alternative numbers from the following which when multiplied with each other will give 54.

(1) 4, 7 (2) 7, 8

(3) 5, 4 (4) 6, 9

27. A wire of 800 metres is wound around a rectangular ground of length 55 metres, 5 times. What will be the breadth of the ground ?

(1) 25 metres (2) 80 metres

(3) 50 metres (4) 40 metres

28. 8175 ml =

(1) 81 l 75 ml. (2) 817 l 5 ml.

(3) 8 l 175 ml. (4) 80 l 175 ml.

SPACE FOR ROUGH WORK

29. $\frac{11}{13} - \frac{7}{13} = \dots\dots\dots$

(1) $\frac{18}{13}$

(2) $\frac{4}{13}$

(3) $\frac{4}{26}$

(4) $\frac{4}{10}$

30. If 24 coins of 25 paise are given, how many 1 rupee coins will you get ?

(1) 12

(2) 8

(3) 6

(4) 9

31. Three-fourth part of a bucket having capacity of 20 l is filled with water. How much more litre of water will be required to fill the bucket completely ?

(1) 15

(2) 10

(3) 20

(4) 5

32. If a 180 metres long rope is cut equally at 5 places, then what will be the length of each piece ?

(1) 30 m

(2) 36 m

(3) 90 m

(4) 18 m

SPACE FOR ROUGH WORK

33. For 862^* to be completely divisible by 3, what will be the digit in place of * ?

(1) 4

(2) 3

(3) 9

(4) 2

34. Put the correct sign in the given box between the two fractions

$$\frac{2}{3} \square \frac{3}{4}$$

(1) <

(2) =

(3) >

(4) \surd

35. Convert $2\frac{3}{4}$ into an improper fraction.

(1) $\frac{8}{4}$

(2) $\frac{11}{4}$

(3) $\frac{10}{4}$

(4) $\frac{12}{4}$

36. Dakshita has Rs. 90 with her. Out of this 52 coins are of 25 paise and the remaining are 50 paise coins. How many coins does she have in all ?

(1) 167

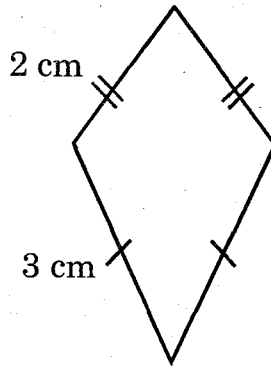
(2) 206

(3) 77

(4) 154

SPACE FOR ROUGH WORK

37. What is the perimeter of the following figure ?



- (1) 6 cm (2) 9 cm
(3) 7 cm (4) 10 cm

38. If 15 kg 600 gm rice is equally distributed among six persons, how much rice will each person get ?

- (1) 3 kg 600 gm (2) 2 kg 600 gm
(3) 1 kg 600 gm (4) 2 kg 500 gm

39. Prathamesh made 15 garlands with 84 flowers in each garland. Akash made 9 garlands from the same amount of flowers. So how many flowers has she woven in 1 garland ?

- (1) 130 (2) 120
(3) 150 (4) 140

40. How will you write the vulgar fraction $\frac{35}{100}$ in decimal form ?

- (1) 0.35 (2) 0.035
(3) 3.5 (4) 3.05

SPACE FOR ROUGH WORK

41. $\begin{array}{r} - 3288 \\ \hline \end{array}$ What is the answer for this subtraction ?

- (1) 6224 (2) 6824
(3) 6114 (4) 5290

42. How will $34\frac{4}{100}$ be written in a decimal form ?

- (1) 34.4 (2) 3.44
(3) 34.04 (4) 34.004

43. From a wire of 8 m, some wire is used and 3 m 25 cm wire is left. Then how much wire is used ?

- (1) 3 m 85 cm (2) 5 m 75 cm
(3) 3 m 75 cm (4) 4 m 75 cm

44. Which of the following is the lowest form of $\frac{51}{85}$?

- (1) $\frac{3}{5}$ (2) $\frac{2}{10}$
(3) $\frac{4}{5}$ (4) $\frac{5}{3}$

45. What will be the product of 468×35 ?

- (1) 3744 (2) 24804
(3) 16380 (4) 16280

46. If 8th May, 2003 was Thursday, then what will be the day on 18th May, 2003 ?

- (1) Saturday (2) Friday
(3) Monday (4) Sunday

SPACE FOR ROUGH WORK

47. If the numbers 8359, 8385, 8379, 8395 are written in descending order, which will be the number in the fourth place ?
- (1) 8379 (2) 8359
(3) 8395 (4) 8385
48. $19 + 72 \div 8 - 3 \times 9 = \dots\dots\dots$
- (1) 45 (2) 1
(3) 225 (4) 105
49. Kishan had 1750 guavas with him. He sold 30 baskets of guavas each having 56 guavas in them. 20 rotten guavas out of the total were thrown away. How many guavas are remaining with him ?
- (1) 50 (2) 90
(3) 40 (4) 60
50. How will you write 5500 in words ?
- (1) Five thousand and a quarter
(2) Five thousand and a half
(3) Four thousand and three quarter
(4) Five hundred and fifty

SPACE FOR ROUGH WORK