MIDTERM EXAMINATIONS (2018 - 19)
MATHEMATICS

(English Medium)

PART - A & B

Class : VI   (Max. Marks : 80)   Time : 2.45 Hrs.

Instructions :

1. Question paper contains two parts , Part A & Part B
2. Part A & B should be given at the beginning of the exam only.
3. 15 Minutes are allotted for reading the questions paper (Part A & B) in addition to 2.30 hours for writing the answers.
4. Part-A answers should be written in a separate answer book.
5. There are three Sections in Part – A
6. Answer all the questions.
7. Every answer should be visible and legible.
8. There is an internal choice in Section – III

Marks : 60   **PART-A**   **Time : 2 Hrs.**
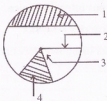
Section - I

Note : 1. Answer all the questions.

2. Each question carries 2 Marks $4 \times 2 = 8$

1. Write the expanded form of the following.

   i) 34025   ii) 4348

2. Find all the factors of 24 ?

3. The product of two numbers is 3276. If their HCF is 6, find their LCM ?

4. Recognize the parts of the following circle.

Section - II

Note : 1. Answer all the questions.

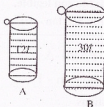2. Each question carries 4 Marks $5 \times 4 = 20$

5. PQRS is a Quadrilateral. Answer the following ?

   i) The opposite side of QR.

   ii) The opposite side of PQ.

   iii) The angle opposite to $\angle$P

   iv) The angle opposite to $\angle$Q

6. Verify whether 6535 is divisible by 11 ?

7. Find the capacity of largest vessel which can empty the following vessels.

8. Chandana and Venu purchased 12 note books and 10 note books, the cost of each note book is ₹15. How much amount they pay to the shop keeper?

9. A bicycle industry makes 3125 bicycles every day. Find the total number of bicycles manufactured for the month of July ?

Section - III

Note : 1. Answer all the questions.

2. Each question has internal choice.

3. Each question carries 8 Marks $4 \times 8 = 32$

10. a) Make any 6 numbers using the places and their digits in the following table ?

PLACE	DIGIT
In Crores	7
In Lakhs	5
In Ten thousands	8
In Hundreds	2
In Ones	6

(OR)

b) Three measuring tapes are 64 cm, 72 cm and 96 cm. What is the least length that can be measured by any of the tapes exactly ?

11. a) Find the value of the following using suitable properties ?

i) $25 \times 1963 \times 4$ ii) $154 + 197 + 46 + 203$

iii) $368 \times 12 + 18 \times 368$ iv) 12×75

(OR)

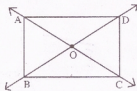b) Using divisibility rules, check whether 8934 is divisible by 2, 3, 4 or 5 ?

12. a) Name the following from the figure.

i) Any Five points

ii) Any Five line segments

iii) Any three rays

iv) Any two lines

(OR)

b) Write Prime factors of the following by FACTOR TREE METHOD.

i) 24 ii) 50 iii) 60 iv) 72

Example :

$$\therefore 16 = 2 \times 2 \times 2 \times 2$$

13. a) Find the following using number line.

i) 5 + 3   ii) 2 × 4   iii) 2 + (–5)   iv) (–2) + 3 + 4

(OR)

b) Classify the following angles into acute, obtuse, reflex, right and straight angles.

40°, 90°, 210°, 140°, 345°, 68°, 180°, 115°, 300°, 137°

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Part - B

Class : VI]   (Marks : 20)   Time : 30 min.

Academic standard	AS–I						AS –II			AS–III			AS–IV					AS–V	
Q.No's	2	7	9	10	11	14-19	6	12	20-23	4	5	24 - 25	1	3	8	26-29	13	30-33
Marks Obtained																		
Total																		

Name of the Student : .... Roll No.: ....

Note :1. Answer all questions in Part-B.

   2. **Each question has 4 options. Select one.**

   3. **All questions carry equal marks.**   **20 × 1 = 20**

14. Round off 415 to their nearest tens   [   ]

   A) 410   B) 420   C) 400   D) 450

15. The place value of 7 in 47325 .....   [   ]

   A) 70   B) 700   C) 7000   D) 70000

16. The predecessor of 99 is ....   [   ]

   A) 98   B) 99   C) 100   D) 90

17. 8 ÷ 0 is equal to ....   [   ]

   A) 0   B) 8   C) 80   D) Un defined

18. Identify the square number   [   ]

   A) 4   B) 9   C) 16   D) All the above

19. Which of the following has a definite length   [   ]

   A) Line   B) Point   C) Line segment   D) Ray

20. H.C.F of any two consecutive numbers   [   ]

   A) 1   B) 0   C) Not defined   D) 2

21. 3690 is divisible by   [   ]

   A) 2   B) 3   C) 9   D) All the above

22. Ratio of radius and diameter of a circle   [   ]

   A) 1 : 2   B) 2 : 1   C) 1 : 1   D) None

23. Type of angle formed between the long hand and short hand at 9 A.M   [   ]

   A) Acute   B) Right
   C) Obtuse   D) Complete

24. Edge of black board is an example of ....   [   ]

   A) Line segment   B) Line

   C) Ray   D) Angle

25. Which of the following is neither prime nor composite   [   ]

   A) 10   B) 1   C) 2   D) 3

26. 1 million = ...   [   ]

   A) 1 Lakh   B) 100 thousand
   C) 100 Lakhs   D) 10 Lakhs

27. $4 \times 3 = 3 \times 4$ represents ....   [   ]

   A) closure   B) commutative
   C) Associative   D) distributive

28. Additive identity is ....   [   ]
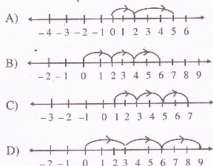
   A) 1   B) $\frac{1}{2}$ C) 0   D) – 1

P.T.O

29. If a number is divisible by 5 than its ones digit is .... [   ]
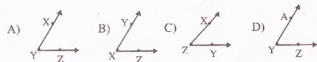
   A) 4   B) 5   C) 6   D) 8

30. Which of the following represents obtuse angle .... [   ]

   A)   B)   C)   D)
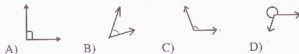
31. 2×3 can be represent on the number line [   ]

   A)

   B)

   C)

   D)

32. ∠XYZ represents [   ]

   A)   B)   C)   D)

33. In the following figure CD is .... [   ]

   A) Diameter   B) Radius   C) Chord   D) None