COMMON FIRST TERM SUMMATIVE EXAMINATION - 2023

R

Time: 2.00 hrs　　　　　Standard - VI　　　　　Marks:60

MATHEMATICS

PART - A

I Choose the correct answer: 　　　　　　　　　　　　10x1=10

1. 1 billion is equal to
   a) 100 crore　　b) 100 million　　c) 100 lakh　　d) 10 crore
2. The value of $3+5-7 \times 1$
   a) 5　　　　b) 7　　　　c) 8　　　　d) 1
3. The whole number that does not have predecessor is
   a) 10　　　　b) 0　　　　c) 1　　　　d) none of these
4. Radha is 'x' years of age now, 4 years ago, her age was _____
   a) x-4　　　b) 4-x　　　c) 4x　　　d) 4+x
5. The value of 'y' in y+7=13 is
   a) y=5　　　b) y=7　　　c) y=9　　　d) y=6
6. The ratio of the number of sides of a triangle to the number of sides of a rectangle is
   a) 3:5　　　b) 4:3　　　c) 3:4　　　d) 3:2
7. A line segment is denoted as

   a) AB　　　b) $\overset{\bullet\bullet}{AB}$　　　c) $\overrightarrow{AB}$　　　d) $\overline{AB}$
8. The tally marks 1111 1111 represents the number count
   a) 5　　　　b) 8　　　　c) 9　　　　d) 10
9. The number of the segments in ←———•———•———•———→
   　　　　　　　　　　　　　　　　　A　　B　　C

   a) 1　　　　b) 2　　　　c) 3　　　　d) 4
10. A pictograph is also known as _____
    a) pictoword　　b) pictogram　　c) pictophase　　d) pictograft

II Fill in the blanks 　　　　　　　　　　　　　　5x1=5

11. The largest 8 digit number is _____
12. A quantity that takes _____ value is called a variable.
13. A _____ is a comparison of two quantities by divison.
14. $45 \div (7+8) - 2 =$ _____
15. A ray has _____ end point(s)

III Say true or false 　　　　　　　　　　　　　5x1=5

16. The total number of 4 digit numbers is 9000.
17. 0 is the identity for multiplication.
18. The product of q and 20 is 20q.
19. 88° and 12° are comlementary.
20. Information collected is known as data.

IV Match the following 　　　　　　　　　　　　5x1=5

21. Additive　　　　　　　　　2/5
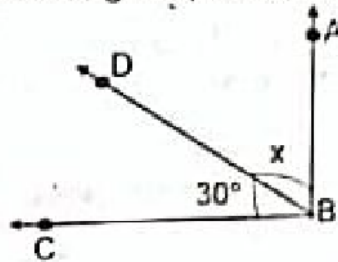22. Multiplicative　　　　　　　1:12

23. Proper fraction   -   3:2
24. 15:10   -   0
25. 5/60   -   1

PART - B
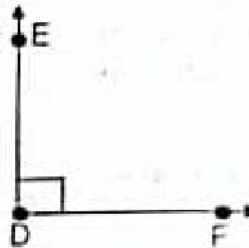
V   Answer any 10 questions: 10×2=

26. Write the following numbers in the international system by using commas 7345671
27. Using the digits 9,4,6,8 from the smallest and larger number.
28. Express the statement   i) 11+10x   ii) 5n-12
29. Simplify the ratio 12:27
30. If Rs.1,500 is divided among two persons in the ratio 2:3 then each share is?
31. Find the value of x

32. Find the supplementary angle of   i) 165°   ii) 103°
33. Write the Tally marks in given below

Sweet	Tally marks	Frequency
Kesari		3
Gulabjamun		11
Laddu		10
Cake		6

34. Name the vertex and sides that from angle

35. Draw any 3 lines that are not concurrent find the number of points of intersection.
36. Simplify the ratio 400 : 625
37. Draw the clock in 4.15 hour and identify the types of angle.
38. Define : Rays

PART - C

VI   Answer any 4 questions :   4×3=12

39. If Rs.10,00,000 was distributed in a Government scheme to 500 women in the self help Groups. Then find the amount given to each women.
40. A music concert is taking place in a stadium. A total of 7,689 chairs are to be put in rows of 90
    i) How many rows will there be? Will there be any chairs left over?
41. Simplify: 24 + 2 x 8 + 2 - 1

42. Thamarai is fond of reading books. The number of pages read by her on each day during the last 40 days are given below. Make a Tally marks table.

1 3 5 6 6 3 5 4 1 6 2 5 3 4 1 6 6 5 5 1
1 2 3 2 5 2 4 1 6 2 5 5 6 5 5 3 5 2 5 1

43. Express the following verbal statement to algebraic statement

i) t is added to 100

ii) 14 times q

iii) 4 less to 9 times of q

44. Out of 50 students in a class, 30 are boys. Find the ratio of
i) Number of boys to the number of girls.
ii) Number of girls to the Total number of students.
iii) Number of boys to the Total number of students.

VII Answer any one of the following questions:

45. Draw a bar graph for this data

Classes	VI	VII	VIII	IX	X
Number of sweets	70	60	45	80	55

46. Draw the following angle using the protractor 120°.