

Standard 6

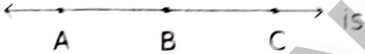
MATHS

Time: 2.00 Hrs.

Marks: 60

I. Choose the correct answer:

5×1=5

- 1) 1 billion is equal to
a) 100 crore b) 100 million c) 100 lakh d) 10000 lakh
- 2) $\frac{59}{1}$ is
a) 1 b) 0 c) $\frac{1}{59}$ d) 59
- 3) The ratio of the number of sides of a triangle to the number of a rectangle is
a) 4:3 b) 3:4 c) 3:5 d) 3:2
- 4) The number of line segments in  is
a) 1 b) 2 c) 3 d) 4
- 5) A Pictograph is also known as
a) Pictoword b) Pictogram c) Pictophrase d) Pictograff

II. Fill in the blanks:

5×1=5

- 6) The largest 8 digit number is _____.
- 7) $17 \times \underline{\hspace{2cm}} = 34 \times 17$
- 8) The letters a, b, c, x, y, z are used to represent _____.
- 9) A ray has _____ end point(s).
- 10) The collected information is called _____.

III. Say True or False:

5×1=5

- 11) $88888 = 8 \times 10000 + 8 \times 100 + 8 \times 10 + 8 \times 1$
- 12) 139 is rounded off as 100 to the nearest 100.
- 13) One of the terms in a ratio cannot be 1.
- 14) We measure angles using protractor.
- 15) First hand information is called primary data.

IV. Match the following:

5×1=5

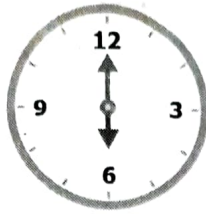
- 16) 't' is added to 100 - $y-6$
- 17) The product of x and z is added to 56 - $\frac{p}{5}$
- 18) '4' times 'q' - $100+t$
- 19) 'y' is reduced by 6 - $2x+56$
- 20) p is divided by 5 - $4q$

V. Answer any SIX of the following questions:

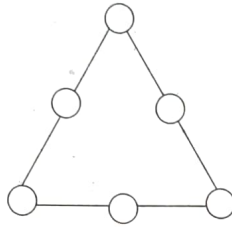
6×2=12

- 21) Write the number names of the following numerals in the Indian system.
(i) 75,32,105 (ii) 9,75,63,453
- 22) Name the property being illustrated in each of the cases given below:
i) $75+34 = 34+75$
ii) $(12 \times 4) \times 8 = 12 \times (4 \times 8)$
- 23) If 'u' is an even number, how would you represent
i) the next even number
ii) the previous even number

- 24) Find the ratio of 500g to 250g.
 25) Give two equivalent ratios for 3:2.
 26) Be proportionality law check whether 3:2 and 30:20 are in proportion.
 27) Identify the types of angles shown by the hands of the given clock.



- 28) Find the supplementary angle of 70° .
 29) Fill up the circle with the numbers from 1 to 6 without repetition so that each side of the magic triangle adds upto 12.



VI. Answer any SIX of the following questions:

6×3=18

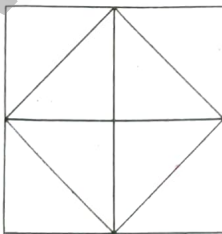
- 30) Cheran had a bank savings of ₹ 7,50,250. He withdrew ₹ 5,34,500 for educational purpose. Find the balance amount in his account.
 31) Simplify: $500 \times 689 - 500 \times 89$
 32) What is the value of 'S'. If '2S-6' gives 30?
 33) What is the ratio of 40 minutes to 1 hour?
 34) A line segment 63 cm long is to be divided into two parts in the ratio 3:4. Find the length of each part.
 35) Two supplementary angles are in ratio 5:4. Find the angles.
 36) Viji threw a die 30 times and noted down the result each time as follows. Prepare a table on the numbers shown using Tally marks.
 1 4 3 5 5 6 6 4 3 5 4 5 6 5 2
 4 2 6 5 5 6 6 4 5 6 6 5 4 1 1
 37) Chitra has to buy Laddus in order to distribute to her friends as follows:

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

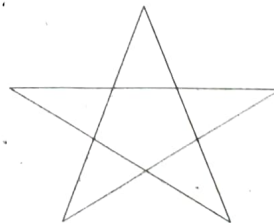
Draw a Bar graph for this data.

- 38) How many triangles are there in the given figures?

(i)



(ii)



VII. Answer the following questions:

2×5=10

- 39) Construct a line segment using ruler and compass
 $\overline{AB} = 7.5 \text{ cm}$ (OR) $\overline{QR} = 10 \text{ cm}$
 40) Use a protractor to draw an angle 45° (OR) 120°
