

# QUESTION PAPER 3

1. Work out:

$$\begin{array}{r} 245 \\ + 583 \\ \hline \end{array}$$

Ans : .....

3. Work out:

$$\begin{array}{r} 950 \\ - 630 \\ \hline \end{array}$$

Ans : .....

5. Write  $\frac{8}{3}$  as a mixed number.

Ans : .....

7. Convert 8000 millilitres into litres.

Ans : .....

2. What fraction of the diagram below is shaded?



Ans : .....

4. What is the special name given to the shape below?



Ans : .....

6. What numeral must be found in the  ?

$$2 \times 2 \times 2 = 2 \text{  }$$

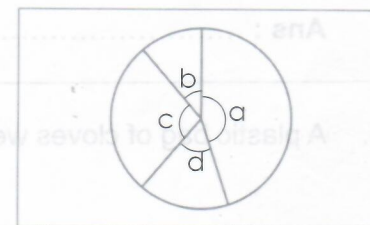
Ans : .....

8. Work out:

$$\begin{array}{r} 112 \\ \times 6 \\ \hline \end{array}$$

Ans : .....

9. Which one of the angles a, b, c or d is the largest?



Ans : .....

10. Work out: -

$$\begin{array}{r} 360 \\ - 3 \\ \hline \end{array}$$

Ans : .....

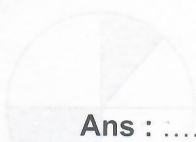
11. The missing term in this sequence is

11, 13, 17,       , 23

Ans : .....

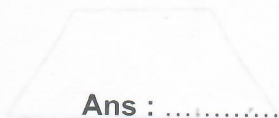
12. Work out :

$$2 - \frac{1}{8} =$$

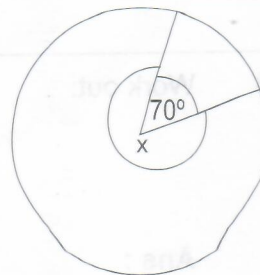


Ans : .....

13. Calculate the size of angle x.



Ans : ..... degrees



14. Complete the table. An example is given.

In words	In figures
<b>Example:</b> four units and three eighths	$4\frac{3}{8}$
(a) .....	1012

15. The area of the square A is  $81 \text{ cm}^2$ . Calculate the length of one of its sides.



A

Ans : ..... cm

16. A plastic bag of cloves weighs 125 grams. What is the mass of 10 such bags?

Ans : ..... kg ..... grams.

17. Which one of the following shapes has no line of symmetry?



A square



A rectangle



An equilateral triangle



A parallelogram

Ans : .....

For each question from 18 to 27 four answers are given. Only one is correct. Choose the correct answer and draw a circle around the appropriate letter.

18. Write down the missing number

$$9743 = 9000 + 700 + \dots + 3$$

A 4

B 40

C 400

D 4000

19.  $4.26 \times 10 =$

A 4260

B 426

C 42.6

D 4.26

20.  $\frac{4}{5}$  is equal to

A 40%

B 50%

C 80%

D 90%

21. The average of 8 and 12 is

A 8

B 10

C 12

D 20

22. Which one of these fractions is equal to  $1\frac{3}{4}$ ?

A  $\frac{7}{3}$

B  $\frac{7}{4}$

C  $\frac{7}{7}$

D  $\frac{1}{8}$

23. Which one of the following is the largest?

A 0.007

B 0.07

C 0.7

D 0.77

24.  $1 + 3 + 5 + 7 =$

A A prime number B A square number

C A factor of 8 D A multiple of 24

25.  $8.84 - 4.31 =$

A 13.15

B 12.15

C 4.84

D 4.53

26. A strip of wood is 2 m 60 cm long. A piece is cut from the strip of wood. A length of 180 cm is left. What is the length of wood cut?

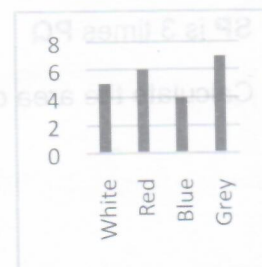
A 80 cm

B 340 cm

C 440 cm

D 540 cm

27. How many more grey cars are there than blue car?



A 2

B 3

C 4

D 5



28. Write down these fractions in their ascending order.

$$\frac{5}{6}, \frac{5}{7}, \frac{5}{8}, \frac{5}{9}$$

Ans : .....

29. Which of 80 % of Rs. 400 **OR**  $\frac{2}{3}$  of Rs 450 is the greater of the two and by how much?

Ans : (i) ..... (ii) .....

30. 280 stickers are shared among Peter, Jack and Henry. Peter gets 150. Jack gets  $\frac{3}{5}$  of the remaining stickers. How many stickers does Henry get?

Ans : .....

31. The cards below show four different values.

$$2^4$$

$$2^3$$

$$4^4$$

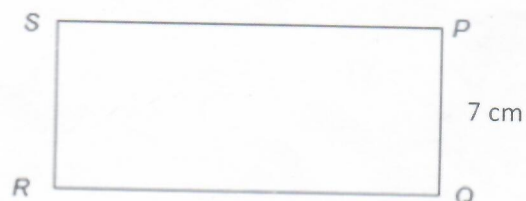
$$4^2$$

Write down the two values which are equal.

Ans : ..... and .....

32. **SP** is 3 times **PQ**

Calculate the area of rectangle **SPQR**.



Ans : .....  $\text{cm}^2$

33. A tank contains 180 L of water.  $\frac{2}{3}$  of the water in the tank is poured out. How many litres of water are left in the tank?

Ans : ..... litres

34. Tom starts playing at 16 40. He stops at 17 30. How long has he been playing?

Ans : ..... minutes

35. 1 July 2017 was a Saturday. Write down the dates of the last 2 Sundays in the month.

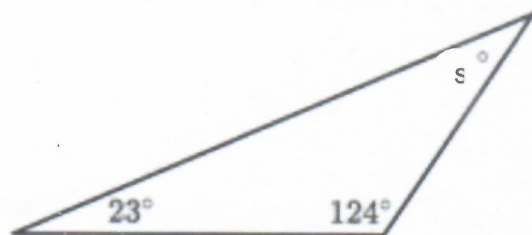
Ans : .....

36. Lina's mother uses part of the flour in a bag to make 'faratas'. She uses 100 grams of flour for each of the 8 'faratas' which she makes. 1 kg 200 grams of flour is left in the bag. How many kg of flour did the bag contain?



Ans : ..... kg

37. Calculate the angle S.



Ans : ..... degrees

38. Mrs Hema shares Rs 8000 between her two sons, Harry and Anil. Harry gets Rs 5000. Write down Harry's share as a ratio to Anil's share in its simplest form.

Ans : .....

39. A gardener uses water on 3 occasions from the tank. The first time he uses 200 L, the second time 50 L more than the first time and 100 fewer litres on the third occasion than on the second occasion. The tank is  $\frac{1}{3}$  full now.

A water tank



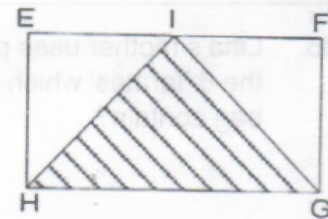
- (i) How many litres of water does the tank contain when full?

Ans : ..... litres

- (ii) The tank is 90 cm long and 80 cm wide. Calculate the height of the tank.

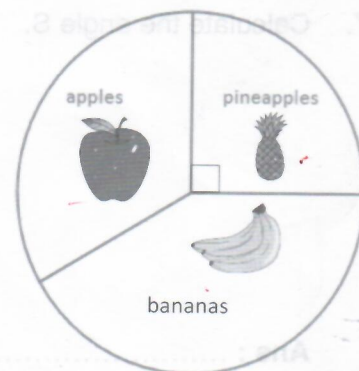
Ans : ..... cm

40. The area of triangle IHG is  $48 \text{ cm}^2$ . FG is 8 cm. Calculate the perimeter of rectangle EFGH.



Ans : ..... cm

41. The pie chart shows the number of pineapples, apples and bananas sold in a supermarket. How many fruits of the three kinds were sold if the number of apples and bananas sold altogether exceed the number of pineapples sold by 360?



Ans : .....



42. At a reception, 240 glasses containing an average of 200 mL of a juice mixture were served to the people present. To make the juice mixture, 10 L 400 mL of grape juice, 16 L 200 mL of lemon juice and a certain amount of peach juice was used. How many litres and millilitres of peach juice were used?

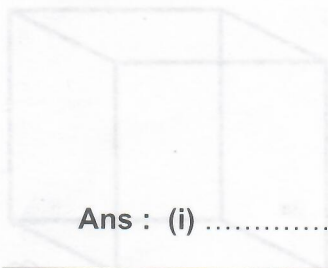
Ans : ..... L ..... mL

43. Two similar bicycles were on sale in two shops A and B. In shop A, a discount of 15 % is given whereas in shop B, a cash discount of Rs 1450 is given to the buyer.
- (i) In which shop A or B, is it better to buy the bicycle?
- (ii) Give a reason for your answer.



Shop A  
Price Rs 9000

Shop B  
Price Rs 9000



Ans : (i) ..... (ii) .....

44. A box and its contents weigh 7 kg 700 g. The contents are 4 times as heavy as the empty box. Calculate the mass of the contents.

Ans : .....

- 45.(a) A tiny piece of rod measures 1 m 40 cm. Calculate the area of the largest square which can be made with it.

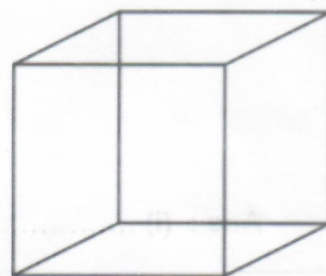
Ans : ..... cm<sup>2</sup>

- 45.(b) A cyclist takes  $2\frac{1}{4}$  hours to do a certain journey. Another cyclist travelling at an average speed of 21 km per hour takes 3 hours to do the same journey.  
Calculate the average speed of the 1<sup>st</sup> cyclist in Km per hour.

Ans : .....

- 46 (a) Tank A which is in the form of a cube is open at the top. It is painted outside and inside. The total surface painted is  $1440 \text{ cm}^2$ .

How many litres and millilitres of water does the tank contain when full?



Ans : ..... L ..... mL

- 46 (b) 8 books, 6 pens and 6 pencils cost Rs 1080 altogether. The 8 books cost twice as much as the 6 pens and 6 pencils altogether. The 6 pens cost Rs 240 more than the 6 pencils.  
Calculate the cost of 1 pen.

Ans : .....