

Class \_\_\_\_\_

Marks : \_\_\_\_\_

Subject \_\_\_\_\_

Time : \_\_\_\_\_

Name: \_\_\_\_\_

Roll No. : \_\_\_\_\_

Division : \_\_\_\_\_

**Question 1**

The ratio of 600 m to 2 km is:

 A. 3 : 10 B. 7 : 10 C. 2 : 9 D. 1 : 8**Question 2**

In a class there are 40 boys and 60 girls. Find the ratio of the number of boys to the number of girls.

 A. 1 : 3 B. 2 : 3 C. 1 : 2 D. 2 : 5**Question 3**

The simplest form of the ratio 60 : 18 is \_\_\_\_\_.

 A. 8 : 3 B. 10 : 9 C. 15 : 2 D. 10 : 3**Question 4**

Rs.150 is divided among Sally and Sammy in the ratio 1 : 4.

What is the share of Sammy?

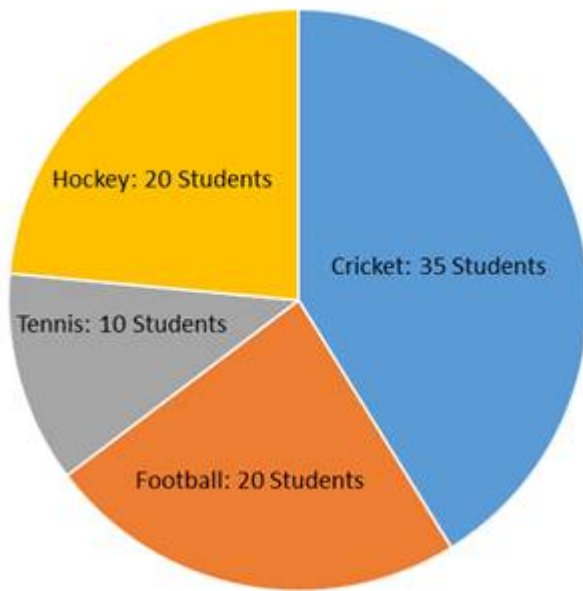
 A. Rs.30 B. Rs.110 C. Rs.120 D. Rs.90**Question 5**

Our hero appears to be 2 feet tall on the billboard, but his actual height is 6 feet. What is the ratio of his height in picture to his actual height?

 A. 6 : 2 B. 1 : 3 C. 3 : 1 D. 2 : 8

### Question 6

A survey was conducted in a classroom to identify popular sports among students. The below chart shows the number of votes received for different games. What is the ratio of the number of students who voted for cricket to the total number of students in the classroom?



- A. 7 : 17
- B. 35 : 100
- C. 7 : 20
- D. 17 : 7

### Question 7

There are 21 paintings and 7 sculptures in a room. What is the ratio of the number of number of paintings to sculptures?

- A. 7 : 12
- B. 7 : 21
- C. 1 : 3
- D. 3 : 1

### Question 8

Write the simplest form of the ratio 32 : 8

- A. 16 : 4
- B. 4 : 16
- C. 8 : 2
- D. 4 : 1

### Question 9

What is the ratio of the number of cups to saucers in the below image?



- A. 1 : 2
- B. 6 : 4
- C. 3 : 2
- D. 2 : 3

### Question 10

Write the simplest form of the ratio 18 : 30

- A. 9 : 15
- B. 6 : 5
- C. 3 : 5
- D. 2 : 5

### Question 11

What is the ratio of the number of cakes to the number of biscuits in the below image?



- A. 6 : 12
- B. 2 : 1
- C. 1 : 2
- D. 12 : 18

### Question 12

Write the simplest form of the ratio 13 : 52

- A. 1 : 4
- B. 4 : 1
- C. 1 : 3
- D. 2 : 3

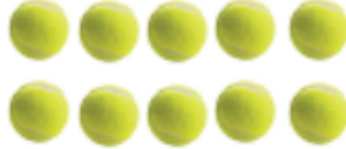
### Question 13

Ramesh has 12 blue coloured pencils and 6 red coloured pencils. What is the ratio of the number red coloured pencils to the total number of pencils?

- A. 2 : 3
- B. 1 : 3
- C. 1 : 2
- D. 3 : 1

### Question 14

What is the ratio of the number of footballs to the total number of balls?



- A. 5 : 10
- B. 15 : 5
- C. 1 : 2
- D. 1 : 3

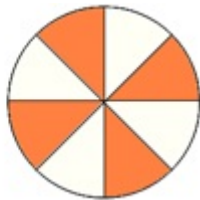
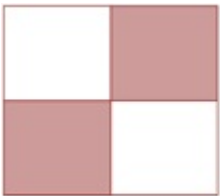
### Question 15

The length and breadth of a rectangular room are in the ratio 7 : 2. If the length of the room is 140 m, find the perimeter of this room.

- A. 250 m
- B. 300 m
- C. 400 m
- D. 360 m

### Question 16

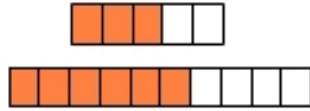
Are the ratios of the shaded part to the total number of parts of the following two models equivalent?



- A. Yes
- B. No

### Question 17

Are the ratios of the shaded part to the non-shaded part in the following models equivalent?



- A. Yes
- B. No

### Question 18

Determine what will be the next equivalent ratio in the sequence.  $\frac{3}{5} = \frac{6}{10} = \dots$

- A.
- B.
- C.
- D.

### Question 19

Find the missing term in the equation.  $\frac{15}{18} = \frac{\quad}{6}$

- A. 3
- B. 5
- C. 9
- D. 4

### Question 20

Determine the missing terms.  $\frac{7}{4} = \frac{28}{\quad} = \frac{\quad}{32}$

- A. 12 and 35
- B. 12 and 56
- C. 16 and 56
- D. 16 and 28

### Question 21

Determine the missing terms.  $\frac{3}{8} = \frac{\quad}{40} = \frac{\quad}{72}$

- A. 6 and 15
- B. 12 and 18
- C. 18 and 27
- D. 15 and 27

### Question 22

Which of the following options is an equivalent ratio of 3:7?

- A. 6 : 15
- B. 12 : 28
- C. 1 : 2
- D. 28 : 12

### Question 23

Find the missing term in the equation.  $\frac{13}{\quad} = \frac{5}{15}$

- A. 19
- B. 17
- C. 39
- D. 3

### Question 24

There are 30 boys and 20 girls in the history class and 25 boys and 30 girls in the math class. Are the ratios of the number of boys to girls in the two classes equivalent?

- A. Yes
- B. No

### Question 25

10,000 is divided into four parts proportional to 2 : 6 : 4 : 8.  
What is the third part?

- A. 1000
- B. 3000
- C. 2000
- D. 4000

**Question 26**

An amount of ₹. 4800 is divided among A, B and C such that their shares are in proportion 3 : 5 : 4

What is the share of C?

A.

B.

C.

D.

**Question 27**

An amount of ₹. 7500 is divided among M, N, Q and R such that their shares are in proportion 2 : 3 : 4 : 6

What is the share of N?

A.

B.

C.

D.