# ANGEL'S PUBLIC SCHOOL

Strive for Perfection

## SAMPLE PAPER
### FINAL EXAMS   SESSION 2025 – 26
### CLASS – VI

TIME : 3 HRS.                    SUBJECT – MATHEMATICS                    M.M:80

**General instructions.**

(a) Section – A consists of 10 MCQ type questions of 1 mark each

(b) Section – B consists of 10 questions of 2 marks each

(c) Section – C consists of 6 questions of 4 marks each (Attempt any 5)

(d) Section – D consists of 8 questions of 5 marks each ( Attempt any 6)

### SECTION – A                                                                 (10x1=10)

**A. Choose the correct option:**

**1.** In a class, there are 20 boys and 40 girls. The ratio of the number of boys to number of girls is_____.

(a)  2:1                          (b)  1:2                          (c)  2:3

**2.** Perimeter of equilateral triangle is _____.

(a) 5 x side                     (b) 3 x side                     (c) 4 x side

**3.** In 45.67  the number 45 is called as_____.

(a)  decimal part               (b) decimal point               (c)  whole number part

**4.** The absolute value of –6 is_____.

(a) 6                            (b) – 6                          (c) 0

**5.**  The sum of 6 and –4 is_____.

(a) 3                            (b) –10                          (c) 0

**6.** The whole numbers start from _____.

(a) 0                            (b)  1                           (c) 20

**7.** The decimal form of $\frac{372}{100}$ is _____.

(a) 3.72                         (b) 37.2                         (c) .372

**8.** The area of rectangle whose length is 2 cm and breadth is 4 cm, is_____.

(a) 6 cm²                        (b) 10 cm²                       (c) 8 cm²

**9.** The smallest whole number is _____.

(a) 1                                  (b) 0                                  (c) cannot be said

**10.** The value of IIII is _____.

(a) 3                                  (b) 5                                  (c) 4

## SECTION – B                                                                (10x2=20)

**1.** The weight of 6 girls in kg are given below:

42, 60, 35, 48, 55, 67

The lightest girl in weight is ?

**2.** Find the sum of the following:

(i) 4 and –8        (ii) –2 and –12

**3.** If length of one side of a regular hexagon is 2.5cm, then find the perimeter of the hexagon.

**4.** Write the decimal form of the following:

(i) 5 tens + 3 ones + 5 tenths + 2 hundredths      (ii) $12 + \frac{2}{10} + \frac{3}{1000} + \frac{9}{1000}$

**5.** Find the value of 5 x 12 x 8 x 0 x 10.

**6.** Convert 789.103 into fraction.

**7.** Represent 7– 4 on the number line.

**8.** Find two equivalent ratios of 2:3.

**9.** Find the perimeter of the rectangle whose length is 60 cm and breadth is 30 cm.

**10.** Which ratio is larger 3:2  or 5:6

## SECTION – C   (ATTEMPT ANY 5)                                              (5x4=20)

**1.**  Write the ratio for each of the following:

(i) 2mm to 1 cm                    (ii) Rs 5 to 250 paise

**2.** Are 4, 6 , 13, 26 in proportion? Solve it and answer

**3.** A rectangular field is 50m x 30m. Ramesh goes 20 times around it. How much distance does he cover?
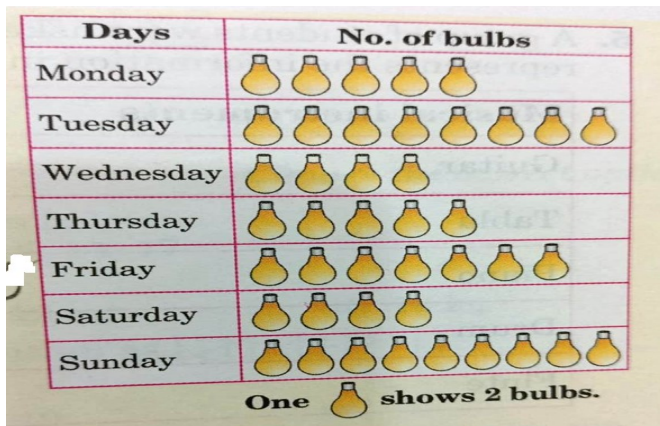
**4**   The  sale of electric bulbs on different days of a shop in a week is shown alongside as a

pictograph:

Observe the pictograph and answer the following questions:

**(i)**     How many bulbs were sold on Friday?

**(ii)**    On which day was the maximum Numbers of bulbs sold?

(iii)   If one bulb was sold at the rate of 10, what was the totat sale on Sunday?

(iv)   Can you find out the totat number of bulbs sold in the week?

(v)   If one big carton could hold 21 bulbs, how many cartons were needed to hold the total bulbs sold in the given week?                                                      .

| Days | No. of bulbs |
|------|--------------|
| Monday | 🔆🔆🔆🔆🔆 |
| Tuesday | 🔆🔆🔆🔆🔆🔆🔆🔆 |
| Wednesday | 🔆🔆🔆 |
| Thursday | 🔆🔆🔆🔆🔆 |
| Friday | 🔆🔆🔆🔆🔆🔆🔆 |
| Saturday | 🔆🔆🔆 |
| Sunday | 🔆🔆🔆🔆🔆🔆🔆🔆🔆 |

One 🔆 shows 2 bulbs.

**5.** Add the following decimal numbers.

345.62 + 23.456 + 123.46

**6.** Find the cost of fencing a square park of side 220m at the rate of Rs 20 per metre.

## SECTION – D   (ATTEMPT ANY 6)                                   (6x 5=30)

**1.** Tell whether the following ratios are in proportion?

39 litres : 45 litres and 5 bottles:15 bottles  .

**2.** First bus travels 36km in 1 hour and second bus travels 120km in 2 hours. Which bus does travel fast?

**3.** Convert $\frac{147}{100}$ into decimal.

**4.** A pictograph is given below:

| Days | Number of students |
|------|--------------------|
| Monday | X.  X.   X.   X. |
| Tuesday. | X.  X.  X |
| Wednesday. | X.   X.    X.  X.    X |
| Thursday. | X    X |

(i) Find the number of students present on Tuesday.

(ii) What are the number of students present on Monday and Thursday together?

(iii) How many students are present in the whole week?

**5.** A playground measures 300m x 170m. Find the cost of planting grass on this at the rate of Rs 80 per hectare.

**6.** Mr. Sharma spent Rs 56,245.80 on white washing, Rs 34,233.75 on furniture and Rs 45,785.23 on purchasing an air conditioner. If he has Rs 6,734 left with him, how much money did he has in the beginning?

**7.** The cost of 2 dozen apples is Rs 80. What is the cost of 3 dozen apples?

**8.** Two sides of a triangle are 13cm and 18 cm. The perimeter of triangle is 48cm. What is the third side?