

ANGEL'S PUBLIC SCHOOL

SAMPLE PAPER
FINAL EXAMINATION SESSION 2019 – 20
CLASS – VI

SUBJECT: MATHEMATICS

M.M:80

TIME: 3 HRS
Name _____

Roll no. _____

GENERAL INSTRUCTIONS: –

- (a) The question paper is divided into 4 sections A,B,C and D.
- (b) Section A comprises 10 questions of 1 mark each.
- (c) Section B comprises 10 questions of 2 marks each.
- (d) Section C comprises 6 questions of 4 marks each. Attempt only 5.
- (e) Section D comprises 8 questions of 5 marks each. Attempt only 6.

SECTION-A

1. The predecessor of 9999 is _____.

(a) 9990

(b) 9998

(c) 10000

2. The decimal form of $\frac{55}{10}$ is _____.

(a) 0.55

(b) 5.5

(c) 0.5

3. The sum of $0.665 + 0.40$ is ____.

(a) 1.065

(b) 0.705

(c) 0.115

4. The successor of 4999 is ____.

(a) 5000

(b) 4998

(c) 4990

5. The place value of 2 in 132.65 is ____.

(a) tens

(b) ones

(c) tenth

6. The formula to calculate the perimeter of a square is ____.

(a) $3 \times \text{side}$

(b) $4 \times \text{side}$

(c) $5 \times \text{side}$

7. The ratio of 20 cm to 80 cm is ____.

(a) 1:4 cm

(b) 4:1

(c) 1:4

8. The simplest form of $\frac{8}{72}$ is ____.

(a) $\frac{2}{18}$

(b) $\frac{1}{9}$

(c) $\frac{4}{36}$

9. The correct decimal form of $\frac{654}{1000}$ is ____.

(a) 6.54

(b) 0.654

(c) 65.4

10. The smallest whole number is ____.

(a) 1

(b) 0

(c) 10

SECTION-B

11. Draw a circle of diameter 3.8 cm.

12. Write 123.65 in the place value table.

13. Show 3.8 on the number line.

14. Draw an angle of the measure 90° .

15. Subtract 2.051 Km from 3 Km.

16. Express $4\frac{3}{7}$ in the improper fraction form.

17. If the number of teachers in a school is 102 and number of students in a school is 3300.

Find the ratio of number of teachers to the number of students.

18. Reduce the following fractions to simplest form.

(a) $\frac{48}{60}$

(b) $\frac{24}{36}$

19. Find the ratio of 55 paise to Rs 2.

20. Draw \overline{AB} of the length 7.6 cm and find the axis of symmetry.

SECTION-C (ATTEMPT ANY FIVE)

21. Draw $\angle PQR$ of the measure of 147° and find its line of symmetry.

22. A truck requires 108 liters of diesel for covering a distance of 594 km. how much diesel is required to cover the distance of 1650 km?

23. Akash bought vegetables weighing 10 Kg. Out of this, 3 Kg 500 g were onions, 2 Kg 75 g were tomatoes and the rest were potatoes. What is the weight of the potatoes?

24. Kanchan bought a watermelon weighing 5 Kg 200 g. Out of this, she gave 2 Kg 750 g to her neighbor.

What is the weight of the watermelon left with Kanchan ?

25. Anjali's house is $\frac{9}{10}$ km from her school. She walked some distance and then took a bus for $\frac{1}{2}$ km to

reach the school. How far did she cover?

26. (i) Subtract $\frac{3}{4}$ from $\frac{5}{6}$ (ii) Add $\frac{2}{5}$ to $\frac{1}{3}$.

SETION-D (ATTEMPT ANY SIX)

27. Write the natural numbers from 102 to 113. What fraction of them are prime numbers?

28. Find the value of: $2349 \times 97 + 2349 \times 3$

29. A taxi driver filled his car petrol tank with 40 litres of petrol on Monday. The next day, he filled the tank with 50 litres of petrol. If the petrol costs Rs 44 per litre, how much did he spend in all on petrol?

30. In a college, out of 4320 students, 2300 are girls. Find the ratio of

(a) number of girls to the total number of students

(b) number of boys to the number of girls

31. Divide Rs 60 in the ratio 1 : 2 between Kirat and Kirti.

32. With \overline{PQ} of length 6.1 cm as diameter, draw a circle.

33. A table top measures 2 m 25 cm by 1 m 50 cm. What is the perimeter of the table top?

34. A floor is 5 m long and 4 m wide. A square carpet with side 3 m is laid on the floor. What is the area of the remaining part of the land?