

A K M PUBLIC SCHOOL
FIRST SEMESTER EXAMINATION(SAMPLE QUESTION PAPER)
Mathematics

Time: 2 hrs
Marks: 50

Class 4

Choose the correct answer from the brackets [10 x 1 = 10 marks]

1. How many sides does a circle have? [0, 1, many]
2. Reflection symmetry can also be called as _____ symmetry [minor, line of, major]
3. Which of the following is the longest chord of a circle? [diameter, radius, circumference]
4. The order in which numbers are arranged from the smallest to the greatest is called _____ [ascending order, descending order, standard form]
5. The common factor for all even numbers is _____ [2, 4, 6]
6. Which of the following numbers is symmetrical? [6, 4, 0]
7. Which among the following shapes does not tessellate ? [square, equilateral triangle, pentagon]
8. Is 50 a multiple of 10 ? [Yes, No]
9. If the diameter of the circle is 8 cm, then radius is _____ cm [10, 4, 6]
10. What is the greatest six- digit number? [999999, 199999, 987576]

Fill in the blanks [5 x 1 = 5 marks]

11. The longest chord of a circle is _____
12. Covering a plane using one or more geometric shapes is called _____
13. The successor of 5,348 is _____ -
14. The standard form of $30,000 + 2000 + 300 + 50 + 6$ is _____
15. A circle has _____ radii

Write true or false [5 X 1 = 5 marks]

16. 1 is the factor of every number.
17. Circles with the same centre are called concentric circles.
18. 35 is a multiple of 8.
19. 8,989 is greater than 9,889.
20. The radius of a circle is half of its diameter.

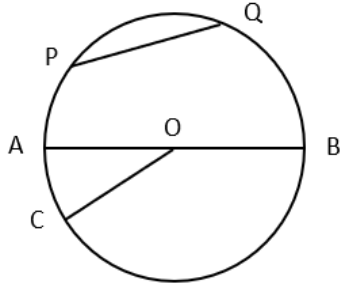
Questions 21 - 28 carries 2 marks each

21. Build a factor tree for 40
22. Draw a circle of radius 4 cm
23. Write the place value of 5 in 9354.
24. Round off to the nearest 1000.6982
25. Write the first five multiples of 10.
26. Choose any two letters of the English alphabet that are symmetrical and draw their line of symmetry.
27. Write the expanded form of 7534.
28. Find the diameter of the circle if its radius is 7 cm.

Questions 29 - 32 carries 3 marks each

29. Observe the figure and identify the following

- a. O
- b. AB
- c. PQ



30. Draw line of symmetry for the following figures.



31. Find two common factors of 14 and 24.

32. Draw a line segment BC of length 6cm. With B as a centre , draw a circle of radius 3 cm. With C as centre , draw a circle of radius 3 cm. What type of circles do you get? [5 marks]