# CBSE Sample Paper Class 7 Maths Set 1

Mane, Marries 80

Section A contains 10 questions which carries 1 mark each  $\{1 \times 10 = 10\}$ Section B contains 9 questions which carries 2 marks each  $(2 \times 10 = 20)$ Section C contains 9 questions which carries 4 marks each  $(4 \times 5 = 20)$ Section D contains 6 questions which carries 6 marks each (6 x 5 = 30)

#### Topics:

- Comparing Quantities
- Practical Geometry
- Perimeter and Area
- Symmetry
- Visualizing Solid

#### Section A.

- 1. Find the perimeter of a rectangle whose length is 25 cm and breadth is 18 cm.
- Write frequency of all the numbers in the following data.
  - 8, 5, 8, 5, 3, 4, 7, 9, 7, 4, 3, 5, 3, 6, 4, 8
- 3. Find the number of lines of symmetry of a circle.
- 4. What will be the number of faces if there are 6 vertices and 12 edges?
- ABC is right angled at B. AB = 3 cm and BC = 4 cm. Then, length of AC will be
  - a) 25 cm
  - b) 5 cm.

c) 7 cm d) 6 cm

- 6. Find the area of a square whose side is 6 cm.
- A survey shows the ages of 10 teachers of a school as 32,41,26,54,33,38,40,59,43,29. What is the age of the youngest teacher?
- 8. The number of faces of a triangular pyramid or tetrahedron is
  - a) 5
  - b) 4.

- d) 10
- 9. There are 2 red, 3 blue and 5 black balls in a bag. A ball is drawn from the bag without looking in to the bag. What is the probability of setting a red ball?
- a)

b)

- d) None of these
- 10. What is the circumference of a circular disc of radius 14 cm?

#### Section 8

11. A kennel can accommodate 10 dogs that weigh (in pounds) 14, 23, 17, 19, 27, 7, 33, 24, 11 and 13. Find the range of their weights.

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**David Kirk** 

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