

CLASS IX

Session- 2022-23

Subject- Mathematics

Sample Question Paper 4

Time Allowed: 3 hrs

Maximum Marks: 80

General Instructions:

1. This Question Paper has 5 Sections A-E.
2. Section A has 20 MCQs carrying 1 mark each
3. Section B has 5 questions carrying 02 marks each.
4. Section C has 6 questions carrying 03 marks each.
5. Section D has 4 questions carrying 05 marks each.
6. Section E has 3 case based integrated units of assessment (04 marks each) with sub- parts of the values of 1, 1 and 2 marks each respectively.
7. All Questions are compulsory. However, an internal choice in 2 Qs of 5 marks, 2 Qs of 3 marks and 2 Questions of 2 marks has been provided. An internal choice has been provided in the 2 marks questions of Section E

Draw neat figures wherever required. Take $\pi = 22/7$ wherever required if not stated.

SECTION A

Section A consists of 20 questions of 1 mark each.

1. What is the value of $(256)^{0.16} + (256)^{0.09}$
(b) 4 (b) 16 (c) 64 (d) 256.25
2. The simplest rationalising factor of $\sqrt[3]{500}$ is
(a) $\sqrt[3]{2}$ (b) $\sqrt[3]{5}$ (c) $\sqrt{3}$ (d) none of these
3. If $a + b + c = 9$ and $ab + bc + ca = 23$ then $a^2 + b^2 + c^2$
(a) 35 (b) 58 (c) 127 (d) none of these
4. If $x = -1$ and $y = 2$ is a solution of the equation $3x + 4y = k$, find the value of k .
(a) 1 (b) 0 (c) 2 (d) 5
5. What is the distance between the graph of the equations $x = -3$ and $x = 2$
(a) 4 units (b) 6 units (c) 5 units (d) 2 units
6. The graph of the linear equation $2x - y = 4$ cuts the x axis at the point
(a) (2,0) (b) (-2,0) (c) (0,-4) (d) (0,4)
7. If two acute angles of a right angle are equal, then each acute is equal to
(a) 30° (b) 45° (c) 60° (d) 90°
8. If $\triangle ABC \cong \triangle LKM$ equal to side AC of $\triangle ABC$ is
(a) LK (b) KM (c) LM (d) None of these
9. The bisectors of the angle of a parallelogram enclose a
(a) parallelogram (b) rhombus (c) rectangle (d) triangle
10. The area of the triangle formed by the points A (2,0) , B(6,0) and C (4,6) is
(a) 24 sq units (b) 12 sq units (c) 10 sq units (d) none of these

Maths Question Paper For Class 23

Christian Drosten



Maths Question Paper For Class 23:

The book delves into Maths Question Paper For Class 23. Maths Question Paper For Class 23 is an essential topic that must be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Maths Question Paper For Class 23, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:
 - Chapter 1: Introduction to Maths Question Paper For Class 23
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