

**CBSE Class 10 Maths (Standard)
Question Paper 2020 Set 3**

CLASS: X

**MATHEMATICS STANDARD
SET 3 SOLVED (CODE : 30/5/3)**

General Instructions:

Read the following instructions very carefully and strictly follow them:

- This question paper comprises four sections – A, B, C and D. This question paper carries 40 questions. All questions are compulsory.
- Section A: Question numbers 1 to 20 comprises of 20 questions of one mark each.
- Section B: Question numbers 21 to 26 comprises of 6 questions of two marks each.
- Section C: Question numbers 27 to 34 comprises of 8 questions of three marks each.
- Section D: Question numbers 35 to 40 comprises of 6 questions of four marks each.
- There is no overall choice in the question paper. However, an internal choice has been provided in 2 questions of one mark, 2 questions of two marks, 3 questions of three marks and 3 questions of four marks. You have to attempt only one of the choices in such questions.
- In addition to this, separate instructions are given with each section and question, wherever necessary.
- Use of calculators is not permitted.

SECTION – A

Question numbers 1 to 20 carry 1 mark each.

Question numbers 1 to 10 are multiple choice questions.

Choose the correct option.

- The value(s) of k for which the quadratic equation $2x^2 + 5x + 2 = 0$ has equal roots, is
(a) 4 (b) ± 4 (c) -4 (d) 0
- Which of the following is **not** an A.P.?
(a) -1.2, 0.8, 2.8, (b) $3, 3 + \sqrt{2}, 3 + 2\sqrt{2}, 3 + 3\sqrt{2}, \dots$
(c) $\frac{4}{3}, \frac{7}{3}, \frac{9}{3}, \frac{12}{3}, \dots$ (d) $\frac{-1}{5}, \frac{-2}{5}, \frac{-3}{5}, \dots$
- The radius of sphere (in cm) whose volume is $12\pi \text{ cm}^3$, is
(a) 3 (b) $3\sqrt{3}$ (c) $3^{2/3}$ (d) $3^{1/3}$
- The distance between the points $(m, -n)$ and $(-m, n)$ is
(a) $\sqrt{m^2 + n^2}$ (b) $m + n$ (c) $2\sqrt{m^2 + n^2}$ (d) $\sqrt{2m^2 + 2n^2}$
- In Figure-1, from an external point P , two tangents PQ and PR are drawn to a circle of radius 4 cm with centre O . If $\angle QPR = 90^\circ$, then length of PQ is
(a) 3 cm (b) 4 cm (c) 2 cm (d) $2\sqrt{2}$

Maths Question Paper For Class 10 State Syllabus

Mike Jess



Maths Question Paper For Class 10 State Syllabus:

This book delves into Maths Question Paper For Class 10 State Syllabus. Maths Question Paper For Class 10 State Syllabus is an essential topic that must be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Maths Question Paper For Class 10 State Syllabus, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
 - Chapter 1: Introduction to Maths Question Paper For Class 10 State Syllabus
 - Chapter 2: Essential Elements of Maths Question Paper For Class 10 State Syllabus
 - Chapter 3: Maths Question Paper For Class 10 State Syllabus in Everyday Life
 - Chapter 4: Maths Question Paper For Class 10 State Syllabus in Specific Contexts
 - Chapter 5: Conclusion
 2. In chapter 1, this book will provide an overview of Maths Question Paper For Class 10 State Syllabus. The first chapter will explore what Maths Question Paper For Class 10 State Syllabus is, why Maths Question Paper For Class 10 State Syllabus is vital, and how to effectively learn about Maths Question Paper For Class 10 State Syllabus.
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 4. In chapter 3, this book will examine the practical applications of Maths Question Paper For Class 10 State Syllabus in daily life. This chapter will showcase real-world examples of how Maths Question Paper For Class 10 State Syllabus can be effectively utilized in everyday scenarios.
 5. In chapter 4, this book will scrutinize the relevance of Maths Question Paper For Class 10 State Syllabus in specific contexts. The fourth chapter will explore how Maths Question Paper For Class 10 State Syllabus is applied in specialized fields, such as education, business, and technology.
 6. In chapter 5, this book will draw a conclusion about Maths Question Paper For Class 10 State Syllabus. The final chapter will summarize the key points that have been discussed throughout the book.
- The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Maths Question Paper For Class 10 State Syllabus.

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