

# CBSE Class 9 Maths Sample Paper Set 4

**SUBJECT: MATHEMATICS****CLASS : IX****MAX. MARKS : 80****DURATION : 3 HRS****General Instruction:**

- (i) All questions are compulsory.
- (ii) This question paper contains 30 questions divided into four Sections A, B, C and D.
- (iii) Section A comprises of 6 questions of 1 mark each. Section B comprises of 6 questions of 2 marks each. Section C comprises of 10 questions of 3 marks each and Section D comprises of 8 questions of 4 marks each.
- (iv) There is no overall choice. However, an internal choice has been provided in two questions in 1 mark each, two questions in 2 marks each, four questions of 3 marks each and three questions of 4 marks each. You have to attempt only one of the alternatives in all such questions.
- (v) Use of Calculators is not permitted

**SECTION – A****Questions 1 to 6 carry 1 mark each.**

1. Find the value of  $(81)^{0.16} \times (81)^{0.09}$ .
2. A rabbit covers  $y$  metres distance by walking 10 metres in slow motion and the remaining by  $x$  jumps, each jump contains 2 metres. Express this information in linear equation.  
**OR**  
At what point the graph of the linear equation  $2x - y = 7$  cuts the  $y$ -axis.
3. In the given figure, find the value of  $x$  and  $y$  where  $O$  is the centre of the circle.



4. Find the area of an equilateral triangle with side  $2\sqrt{3}$  cm.
5. Two coins are tossed simultaneously 500 times, and we get  
Two heads : 105 times      One head : 275 times  
Find the probability of getting 0 head.  
**OR**  
If the probability of winning a game is 0.4, what is the probability of losing it?
6. Find the height of cone, if its slant height is 34 cm and base diameter is 32 cm.

**SECTION – B****Questions 6 to 12 carry 2 marks each.**

7. Using suitable identity, evaluate  $(-32)^3 + (18)^3 + (14)^3$

**OR**If  $f(x) = x^2 - 4x + 6$ , find  $f(1) - f(-1)$

# Maths Question Paper For Class 9 Cbse

**Karin Nielsen-Saines**



## **Maths Question Paper For Class 9 Cbse:**

## Whispering the Techniques of Language: An Mental Journey through **Maths Question Paper For Class 9 Cbse**

In a digitally-driven earth where screens reign great and immediate transmission drowns out the subtleties of language, the profound techniques and psychological subtleties hidden within phrases usually get unheard. However, set within the pages of **Maths Question Paper For Class 9 Cbse** a fascinating fictional value pulsing with organic thoughts, lies a fantastic journey waiting to be undertaken. Penned by a skilled wordsmith, that enchanting opus encourages readers on an introspective journey, delicately unraveling the veiled truths and profound affect resonating within ab muscles fabric of every word. Within the emotional depths of this touching review, we shall embark upon a honest exploration of the book is key subjects, dissect its interesting publishing style, and yield to the strong resonance it evokes heavy within the recesses of readers hearts.

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