

QUESTION PAPER CODE 30/1/1 EXPECTED ANSWER/VALUE POINTS SECTION – A			
Q.No.	Q. No. 1 to 10 are multiple choice type question of 1 mark each. Select the correct option.		
1.	If one of the zeroes of the quadratic polynomial $x^2 + 3x + k$ is 2, then the value of k is (a) 10 (b) -10 (c) -7 (d) -2 Ans: (b) -10		
2.	The total number of factors of a prime number is (a) 1 (b) 0 (c) 2 (d) 3 Ans: (c) 2		
3.	The quadratic polynomial, the sum of whose zeroes is -5 and their product is 6, is (a) $x^2 + 5x + 6$ (b) $x^2 - 5x + 6$ (c) $x^2 - 5x - 6$ (d) $-x^2 + 5x + 6$ Ans: (a) $x^2 + 5x + 6$		
4.	The value of k for which the system of equations $x + y - 4 = 0$ and $2x + ky - 3 = 0$ has no solution, is (a) -2 (b) $\neq 2$ (c) 3 (d) 2 Ans: (d) 2		
5.	The HCF and the LCM of 12, 21, 15 respectively are (a) 3, 140 (b) 12, 420 (c) 3, 420 (d) 420, 3 Ans: (c) 3, 420		
6.	The value of x for which $2x, (x + 10)$ and $(3x + 2)$ are the three consecutive terms of an AP, is (a) 6 (b) -6 (c) 18 (d) -18 Ans: (a) 6		
7.	The first term of an AP is p and the common difference is q, then its 10 th term is (a) $q + 9p$ (b) $p - 9q$ (c) $p + 9q$ (d) $2p + 9q$ Ans: (c) $p + 9q$		
8.	The distance between the points $(a \cos \theta + b \sin \theta, 0)$ and $(0, a \sin \theta - b \cos \theta)$, is (a) $a^2 + b^2$ (b) $a^2 - b^2$ (c) $\sqrt{a^2 + b^2}$ (d) $\sqrt{a^2 - b^2}$ Ans: (c) $\sqrt{a^2 + b^2}$		
9.	If the point $P(k, 0)$ divides the line segment joining the points $A(2, -2)$ and $B(-7, 4)$ in the ratio 1 : 2, then the value of k is, (a) 1 (b) 2 (c) -2 (d) -1 Ans: (d) -1		
10.	The value of p, for which the points $A(3, 1)$, $B(5, p)$ and $C(7, -5)$ are collinear, is (a) -2 (b) 2 (c) -1 (d) 1 Ans: (a) -2		

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J Ma



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In a digital era where connections and knowledge reign supreme, the enchanting power of language has are more apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Maths Question Paper For Class 23**," compiled by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound affect our existence. Throughout this critique, we will delve to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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