

Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	If $K_1: K_2 = 1 : 1$ then the point P dividing the line is	A. Midpoint B. Extreme left point C. Extreme Right Point D. P lies out side $k ₁$ and $k ₂$
2	Question Image <input style="width: 100%;" type="text"/>	
3	The set $\{\{a,b\}\}$ is	A. Infinite set B. Singleton set C. Two points set D. None
4	Question Image <input style="width: 100%;" type="text"/>	
5	Question Image <input style="width: 100%;" type="text"/>	A. An equation B. Linear equation C. Rational fraction D. Identity
6	Complex roots of real quadratic equation occur in	A. Conjugate pair B. ordered pair C. reciprocal pair D. quadratic function
7	Question Image <input style="width: 100%;" type="text"/>	B. $-\frac{3}{4}$ C. $\frac{1}{16}$ D. $\frac{1}{4}$
8	In the expansion of $(a + b)^n$ in every term the sum of the exponents of a and b is	A. n B. $n + 1$ C. $2n - 1$ D. $2n + 1$
9	6 is	A. A prime integer B. An irrational number C. A rational number D. An odd integer
10	Question Image <input style="width: 100%;" type="text"/>	A. 1 B. 2 C. 3 D. 4
11	Question Image <input style="width: 100%;" type="text"/>	
12	Question Image <input style="width: 100%;" type="text"/>	D. None of these
13	Question Image <input style="width: 100%;" type="text"/>	
14	If the sum of the roots of $(a + 1)x^2 + (2a + 3)x + (3a+4) = 0$ is -1, then product of the roots is	A. 1 B. 2 C. -2 D. -1
15	Question Image <input style="width: 100%;" type="text"/>	
16	Question Image <input style="width: 100%;" type="text"/>	
17	A die is thrown. What is the probability that there is a prime number on the top?	A. $\frac{1}{2}$ B. $\frac{1}{3}$ C. $\frac{1}{6}$ D. $\frac{2}{3}$
18	Question Image <input style="width: 100%;" type="text"/>	A. 15 B. $15i$ C. $-15i$ D. -15
19	A vector of magnitude zero is called	A. Position vector B. Null vector C. Free vector D. None of these

