

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The distance between two points P(x ₁ , y ₁) and Q (x ₂ , y ₂) is	
2	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. a = 4, b = 1 B. a = 1, b = -4 C. a = 0, b = 4 D. a = 2, b = 4
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. -1 B. 0 C. 1 D. undefined
4	The negative square root of 9 can be written as:	A. -√9 B. √9 C. √18 D. -√18
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1
6	Which of the following is a scalar.	A. force B. frequency C. weight D. acceleration
7	The sum of coefficients in the binomial expansion equals to	A. 2 B. 2ⁿ⁺¹ C. 2ⁿ⁻¹ D. 2ⁿ
8	E-radius corresponding to < C is	
9	If the intersection of two sets is non-empty, but either is a subset of other are called	A. Disjoint sets B. Over lapping C. Equal sets D. None of these
10	A sequence is a function whose domain is	A. N B. Subset of N C. R D. None of these
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Principle of equality of fractions B. Rule for product of fraction C. Rule for quotient of fraction
12	If $4 {}^6P_r = {}^6P_{r+1}$, then r is equal to	A. 4 B. 3 C. 2 D. 1
13	Minor of an element a _{ij} is denoted by	A. M_{ij} B. A_{ij} C. A D. None of these
14	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
15	The domain of the principle cos function is	
16	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
17	1.4142135... is _____	A. A natural number B. A rational number C. A prime number D. An irrational number
18	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1 C. -1 D. None of these
19	The solution set of $x^2 - 5x + 6 = 0$ is	A. {1, 3} B. {2, 3} C. {2, 4}

The solution set of $x^2 - 5x + 6 = 0$ is

- C. $\{1, 2\}$
- D. None of these

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Question Image