

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The standard form of the quadratic function $f(x) = -x^2 + 4x + 2$, is	A. $(x-2)^2 + 6$ B. $-(x-2)^2 + 6$ C. $(x-3)^2 + 5$ D. $(x+4)^2 - 7$
2	When rational fraction is separated into partial fractions, the result is	A. an identity B. A fraction C. A partial sum D. Improper fraction
3	$\cos(\cos 4\pi/3) =$	A. $\pi/2$ B. $\pi/3$ C. $2\pi/3$ D. $-\pi/3$
4	$A \cup (A \cap B) =$ -----	A. B B. A C. A \cup B D. None of these
5	The mid point of the line segment joining the points (3,-1) and (-3,1) is	A. (3,-1) B. (0,0) C. (2,2) D. (4,4)
6	The sum of complex number (a,b) and (c,d) is	
7	$1^0 =$ _____	A. 360° B. 60" C. 60' D. 3600'
8	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 1/2 B. 2 C. 1/4 D. 4
9	$P \notin A$ means	A. P is subset of A B. P is an element of A C. P does not belongs to A D. A does not element of P
10	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $2s^2$ B. $2s^3$ C. s^3 D. $3s^3$
11	An open sentences formed by using the sign of equality '=' is called _____	A. An identity B. An equation C. A polynomial D. None of these
12	The square roots of negative numbers is called	A. Real no B. Complex no C. Positive no D. Negative no
13	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
14	The matrix $A = [a_{ij}]_{m \times n}$ with $m \neq n$ is	A. Rectangular B. Symmetric C. Square D. None
15	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
16	If $B - A \neq \emptyset$, then $n(B - A)$ is equal to	A. $n(a) + n(c)$ B. $n(c) - n(a)$ C. $n(a) - n(c)$ D. None of these
17	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. vertex

18 The point which is closet to the focus of a parabola is:

- B. Chord
- C. Focus
- D. Directix

19 Question Image

20 Question Image

- A. 100
- B. 99
- C. 0
- D. none of these