

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. 0 B. 1 C. -1 D. None of these
3	Question Image	
4	For a set A, $A \cup A^c =$ -----	A. A B. \emptyset C. Ac D. U
5	Question Image	A. 120 B. 5 C. 4 D. 6
6	Fifteen girls compete in a race. The first three places can be taken by them in	A. 3! ways B. 12! ways C. $15 \times 14 \times 13$ ways D. 42 ways
7	Question Image	A. Does not exist because f is unbounded B. Is not attained even though f is bounded C. Is equal to 1 D. Is equal to -1
8	Question Image	
9	Question Image	
10	If $f(x) = x^2 - x$ then $f(1)$ is	A. 0 B. 1 C. 2 D. 3
11	Question Image	
12	Question Image	A. 8 B. 9 C. 10 D. 11
13	Question Image	A. π B. $\pi / 2$ C. $\pi / 3$ D. $\pi / 4$
14	The equation of the parabola with directrix $x = 2$ and the axis $y = 0$ is	A. $y^2 = 8x$ B. $y^2 = -8x$ C. $y^2 = 4x$ D. $y^2 = -4x$
15	In order of A is $m \times n$ and order of B is $n \times p$ then order of AB is	A. $m \times m$ B. $n \times n$ C. $m \times p$ D. $p \times m$
16	Question Image	A. -x B. Infinite set C. $\{-4, 4\}$ D. None of these
17	Question Image	

- 18 B. The law of tangents
C. The pythagorus theorem
D. None of these
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- 19 A. Square matrix
B. Row matrix
C. Symmetric matrix
D. Null matrix
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- 20 The number of terms in the expansion of $(a + b)^9$ is A. 10
B. 11
C. 9
D. 12
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