

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. $\frac{1}{x}$ B. $-x$ C. $2x$ D. $0.5x$
3	Question Image	A. 1 B. $-i$ C. i D. 0
4	Question Image	B. $\ln(x^2 - x + 1)$ $⁴ + c$
5	Question Image	
6	Question Image	
7	A card is drawn from a pack of cards numbered 2 to 53. the probability that the number on the card is prime number less than 20 is	A. $\frac{2}{13}$ B. $\frac{4}{13}$ C. $\frac{5}{13}$ D. $\frac{8}{13}$
8	Question Image	
9	The number of the diagonals of a 6 sided figure is	A. 15 B. 21 C. 9 D. 6
10	Question Image	A. Additive property of inequality B. Commutative property C. Additive inverse D. Additive identity
11	Question Image	C. 16 D. None of these
12	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. $p \times m$
13	Question Image	
14	What is the circular measure of the angles between the hands of which at 4 o clock	A. $\frac{\pi}{6}$ B. $\frac{3\pi}{2}$ C. $\frac{\pi}{4}$ D. $\frac{2\pi}{3}$
15	An improper rational fraction can be reduced by division to a	A. Proper fraction B. Polynomial C. mixed form
16	If 5,7 and 9 are A.Ms between a and b, then a and b is equal to	A. 2 and 12 B. 1 and 10 C. 3 and 11 D. -7 and 2
17	Question Image	
18	Question Image	
19	The equation of a line parallel to the tangent to the circle $x^2 + y^2 = 16$ at the point (2, 3) and passing thro' the origin is	A. $2x + 3y = 0$ B. $2x - 3y = 0$ C. $3x + 2y = 0$ D. $3x - 2y = 0$
20	$\forall x, y, z \in \mathbb{R}$ and $z \neq 0$, then	A. $x > y \Rightarrow xz > yz$ B. $x < y \Rightarrow xz < yz$ C. $x < y \Rightarrow xz > yz$ D. None of these

