

Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Question Image	A. 10 B. 20 C. 40 D. 26
2	The associative angle of 280°is	A. 100 <b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">° B. 10 <b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">° C. 80 <b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">° D80 <b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">°
3	Total number of terms in the expansion of $(a + b)^5$ + $(a - b)^5$ after simplification are	A. 3 B. 1 C. 4 D. 7
4	The radius of the circle $(x-1)^2+(y+3)^2=64$ is	A. 8 C. 4 D. 64
5	In a school, there are 150 students. Out of these 80 students enrolled for mathematics class, 50 enrolled for English class, and 60 enrolled for Physics class. The student enrolled for English cannot attend any other class, but the students of mathematics and Physics can take two courses at a time. Find the number of students who have taken both physics and mathematics	A. 40 B. 30 C. 50 D. 20
6	Question Image	
7	If A and B are matrices of same order than (,A + B)(A + B) =	A. A ² + B ² B. A ² + B ² + 2AB C. A + B D. A ² + B ² + AB + BA
8	Sin x + Cos x = 1 x =	
9	The range of inequality x + 2 > 4 is	A. (-1, 2) B. (-2, 2) D. None
10	Two natural numbers whose sum is 25 and difference is 5, are	A. 25, 20 B. 20, 10 C. 20, 5 D. 15, 10
11	Question Image	
12	Question Image	
13	Question Image	
14	Cos 315°=	A. 0.707 B. 0.5 C. 1 D. 0
15	Question Image	
16	Question Image	
17	If the 19th term of A.P is 8 and the 4th term is 20, then the first term is	A. 20.2 B. 25.5 C. 27.5 D. 37.5
18	Which is an exolicit function	D. All

		A. A + B
19	Question Image	B. C ² /AB C. A ² /BC D. B ^{/AC}
		D. B ² /AC
)	Question Image	