Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	If origin is the mid point of (a,3) and (5,b) then	A. a = -5 , b = -3 B. a = 5 , b =3 C. a = -5 , b = 3 D. a = 5 , b = -3
2	Question Image	A. 3 x 1 B. 1 x 3 C. 3 x 3 D. 1 x 1
3	Question Image	A. cosec x + c B. -cosec x + c C. -sec x + c D. sec x + c
4	Question Image	C. 16 D. None of these
5	Question Image	
6	The matrix A = [aij]mxn with m ≠n is always	A. Symmetric B. Hermition C. Skew-symmetric D. None
7	The third term in the expansion of (1+2x) is	A. -2x2 B. -4x2 C. 2x2 D. 4x2
8	Question Image	
9	Question Image	
10	Question Image	
11	Under multiplication, solution set of is	A. Groupoid B. Abelian group C. Semi group D. All of these
12	Question Image	A. 2s² B. 2s³ C. s³ D. 3s³
13	Question Image	
14	The product of complex numbers (a,b) and (c,d) is	A. (ac, bd) B. (ac-bd, ad+bc) C. (ab,cd) D. (ac+bd,ad-bc)
15	The common point to four standard parabolas	A. Focus B. Centre C. Vertex D. P(x,y)
16	Question Image	
17	Question Image	
18	$\cos\theta/2=$	
19	The period of|sin2x| is	A. π/2 B. -π/2 C. π D. π/3
		A. <span style="font-family: "Times New Roman"; font-size: 24px; color: rgb(34, 34, 34);

20	Question Image	text-align: center; background-color: rgb(255, 255, 248);">π / 2 B. π / 3 C. π / 4 D. π