

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. 110 B. 220 C. 1320 D. None of these
3	$\cos \theta/2 =$	
4	Six boys and 3 girls are to be seated at random, in a row, for a photograph. The probability that no two girls will sit together is	A. 1/12 B. 1/6 C. 5/12 D. 7/12
5	Question Image	
6	$22.5^\circ =$ _____	
7	Question Image	
8	Question Image	
9	Question Image	A. I quadrant B. II quadrant C. III quadrant D. IV quadrant
10	Question Image	A. Diagonal matrix B. Scalar matrix C. Triangular matrix D. Identity matrix
11	Question Image	A. (x, y) B. (kx, y) C. (x, ky) D. (kx, ky)
12	Question Image	
13	Question Image	
14	If $ a = b = a+b = 1$, then $ a-b $ is equal to:	A. 1 B. $\sqrt{3}$ C. $\sqrt{2}$ D. 7
15	Question Image	A. $2x - 3x + c$ C. $x^2 - 3x + c$
16	$(2 + w)(2 + w^2) =$ _____	A. 1 B. 2 C. 3 D. 0
17	$r + 3 > 5$ then which is true	A. $r + 2 > 4$ B. $r + 2 < 4$ C. $r + 2 = 4$ D. None
18	If the angle between two vectors with magnitude 2 and 15 is 30° then their scalar product is	B. 15 C. 30
19	In a triangle ABC, if angle A = 72° , angle B = 48° and c = 9 cm then \hat{C} is	A. 69° B. 66° C. 60° D. 63°
20	Question Image	

