

Mathematics General Science Test Medium Mode

0	Overtices	A Ob -:
Sr	Questions	Answers Choice
1	Question Image	A. A = B B. B = C C. A = C D. None of these
2	Question Image	2.116.16 61 41.666
3	The line through the centre and perpendicular to the transverse axis is called the	A. Major axis B. Minor axis C. Focal axis D. Conjugate axis
4	The coefficient of xn in the expansion of (1-2x)-1 is	A. (-1)n2n B. 2n C. (-1)(n+1)xr D. (n+1)2n
5	Question Image	
6	The only function which is both even and odd is	A. $f(x) = \alpha$ B. $f(x) = x$ C. $f(x) = 0$ D. Both A & The same of
7	Question Image	A. 0 B. 20 C. 90 D. 80
8	Question Image	A. ab=-1 B. ab = 1 C. ab = 2 D. None
9	The unit vector along y-axis is	D. none of these
10	Question Image	A. Orthogonal B. Involutary C. Idempotent D. Nilpotent
11	Sum of n terms of a geometric series if r < 1 is	
12	A set having only one element is called	A. An empty set B. Universal set C. A singleton set D. A power set
13	If A is a non singular matrix then A ⁻¹ =	
14	Question Image	
15	A circle which touches one side of a triangle externally and the other two sides produced is called	A. In-circle B. Circum cirle C. Escribed circle D. None of these
16	A = B if	D. A is equivalent to B
17	The square matrix A is skew-symmetric when At =	AB BC CA DD
18	If $n(A) = n$ then $n(P(A))$ is	A. 2n B. n ² C. n/2 D. 2 ⁿ
19	If $\cos 20^\circ$ =K and $\cos x$ =2 k^2 -1, then the possible values of x between 0° and 360° are	A. 140° B. 50° and 140° C. 50° and 130° D. 40° and 320°