

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Polynomial B. Equation C. Improper rational fraction D. Proper rational fraction
2	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. R B. $2R$ C. r D. $2r$
3	A subset of set of complex number whose elements are of the form $(a,0)$ is called	A. Real number B. Complex number C. Rational number D. Irrational number
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $\cos x$ B. $\sec x \tan x$ C. $\sec^2 x$ D. $-\operatorname{cosec}^2 x$
5	$w^{29} = \underline{\hspace{2cm}}$	A. 0 B. 1 C. w D. w^2
6	Which of the following is a scalar	A. weight B. force C. speed D. momentum
7	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Reflexive property B. Symmetric property C. Transitive property D. Additive property
8	How many terms of the A.P 3,6,9,12,15.....must be taken to make the sum 108	A. 8 B. 6 C. 7 D. 36
9	If we have a statement "if p then q" then q is called	A. Conclusion B. Implication C. Unknown D. Hypothesis
10	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1 C. 2 D. none of these
11	The law of sines is	
12	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
13	The identity element of a set X with respect to intersection in P(x) is	A. X B. Does not exist C. \emptyset D. None of these
14	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 110 B. 220 C. 1320 D. None of these
15	If $\sin 6\theta + \sin 4\theta + \sin 2\theta$, then $\theta =$	
16	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
17	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
18	The distance of the point $(-2,3)$ from x-axis is	A. -2 B. 2 C. 3 D. 1

19 Matrices $A = [a_{ij}]_{2 \times 3}$ and $B = [b_{ij}]_{3 \times 2}$ are suitable for

- A. BA
- B. A^2
- C. AB
- D. B^2

20 Question Image