NAT I Computer Science Mathematics

Sr	Questions	Answers Choice
1	If $|A| \neq 0$ then A is called	A. 1 B. -1 C. ±1 D. 0
2	Two matrices A and B are conformable for multiplication (AB) if and only if	A. Addition B. Multiplication C. Division D. Subtraction
3	If $A = [a_{ij}]$ and $b = [b_{ij}]$ are the matrices of the order 3x3 then A-B=	A. Circle B. Ellipse C. Parabola D. Hexagon
4	The set (Z, +) forms a group	A. Function on B B. Range C. Domain D. A into B
5	The set (Q, .)	A. Infinite set B. Singleton set C. Two points set D. None
6	The statement that a group can have more than one identity elements is	A. True B. False C. Fallacious D. Some times true
7	The set of all positive even integers is	A. Φ B. {1,2,3} C. {Φ} D. {0}
8	The set {1, -1, i, -i}, form a group under	A. addition B. multiplication C. subtraction D. None
9	The multiplicative inverse of -1 in the set {1-,1} is	A. 40 B. 30 C. 50 D. 20
10	The set of complex numbers forms a group under the binary operation of	A. 0 B. ±1 C. 1 D. {0,1}