

## Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	A. 0 B. 20 C. 90 D. 80
4	Question Image	
5	Question Image	A. 3 B. 1 C. 4
6	A polynomial of arbitrary degree	A. $f(x) = 0$ B. $f(x) = x$ C. $f(x) = a$ D. $f(x) = ax + b, a \neq 0$
7	The statement that a group can have more than one identity elements is	A. True B. False C. Ambiguous D. Some times true
8	All letters of the word "AGAIN" are permuted in all possible ways and the words so formed (with or without meaning) are written as in dictionary, then the 50th word is	A. NAAIG B. NAAIG C. IAAANG D. INAGA
9	Question Image	A. -1 B. 0 C. 1 D. Undefined
10	$f(x) = x^3 - x/x^2 + 1$ is :	A. an even function B. an odd function C. an even and implicit function D. neither even nor a odd
11	Question Image	A. A is proper subset of B B. A is an improper subset of B C. A is equivalent to B D. B is subset of A
12	Question Image	A. 0 B. $-1 - w^{>2}$
13	Question Image	
14	Question Image	
15	The complement of set A relative to universal set U is the set	A. $\{x / x \in A \wedge x \in U\}$ B. $\{x / x \notin A \wedge x \in U\}$ C. $\{x / x \in A \text{ and } x \notin U\}$ D. A-U
16	Question Image	A. (1, 7/3) B. (1, 7/5) C. (1, 11/7) D. (1, 3/5)
17	Question Image	
18	What is the circular measure of the angles between the hands of which at 4 o clock	A. $\pi/6$ B. $3\pi/2$ C. $\pi/4$ D. $2\pi/3$
19	if one root of the equation $ix^2 - 2(i + 1)x + (2 - i) = 0$ is $2 - i$ then the other root is	A. -i B. $2 + i$ C. i D. $2 - i$

