Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	The set $\{Z \setminus \{0\}\}$ is group w.r.t	A. Addition B. Multiplication C. Division D. Subtraction
4	120° degrees are equal to how many radians?	
5	If $f(x) = |x|$, then $(0,0)$ is the	A. Critical point B. Inflection point C. Stationary point D. None of these
6	The $\sqrt{}$ is used for the	A. Positive square root B. Negative square root C. +ve and -ve square root D. Whole number
7	In a country, 55% of the male population has houses in cities while 30% have houses both in cities and in village. Find the percentage of the population that has house only in villages.	A. 45 B. 30 C. 25 D. 50
8	If $a_1 = 3$, $r = 2$, then the nth term of the G.P. is	A. 2.3^{n-1} B. 3.2^{n} C. 3.2^{n+1} D. 3.2^{n-1}
9	$x = $ _____ is in the solution of $2x + 3 < 0$	A. 0 B. 2 C. -1 D. -2
10	Number of combination of zero or more things out of n different things	A. nPn B. nPr C. nCr D. 2n
11	Question Image	
12	An open sentence formed by using the sign of equality "=" is called	A. Equation B. In equation C. True sentence D. False sentence
13	Range of cosec x is _____	A. $\{-1, 1\}$ B. R C. Negative real numbers D. $R - \{ x \mid -1 < x < 1\}$
14	The identity element with respect to subtraction is	A. 0 B. 1 C. -1 D. Does not exist
15	The slope of y-axis is	A. 0 B. undefined C. 1
16	What is the value of $\cos(\cos^{-1} 2)$?	A. $\sqrt{2}$ B. 1/2 C. undefine D. 0
17	Riaz, Saba. Maria, Shehzad are to give speeches in a class. The teacher can arrange the order of their presentation in	A. 4 ways B. 12 ways C. 256 ways D. 24 ways
18	Question Image	A. An ellipse B. A parabola C. A circle

C. A circle
D. A hyperbola

19	Question Image	A. G.P B. H.P. C. A.P. D. No particular sequence
20	What is the number of elements of the power set of { }	A. 0 B. 1 C. 2 D. 3