Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	What is the conjugate of -6 -i?	A. -6 +i B. 6+i C. -6 -i D. 6 -i
2	The distance of the point (2.3) from x-axis is	A. 2 B. 3 C. 5
3	Question Image	A. 1 B. 7 C. 4 D. None of these
4	If the pth, qth, and rth terms of an A.P. are in G.P:., then the common ratio of the G.P. is	
5	Question Image	D. none of these
6	Question Image	
7	The Principal value of sin-1 (-1/1/2)	A. <p class="MsoNormal">π/2<o:p></o:p></p> B. <p class="MsoNormal">-π/2<o:p></o:p></p> C. <p class="MsoNormal">π<o:p></o:p></p> D. <p class="MsoNormal">-π<o:p></o:p></p>
8	Question Image	A. quadrant I B. quadrant II C. quadrant III D. quadrant IV
9	Digit in the unit place of the number $183! + 3^{183}$	A. 7 B. 6 C. 3 D. 0
10	1 radian = _____	A. 60° B. 57.296° C. 57.2° D. 180°
11	The fifth term of the sequence a_n= 2n + 3 is _____	A. 13 B. -13 C. 8 D. 3
12	The equation of the plane which bisects the line joining (2, 3, 4) and (6, 7, 8) is	A. x + y + z - 15 = 0 B. x - y + z - 15 = 0 C. x - y - z - 15 = 0 D. x + y + z + 15 = 0
13	Question Image	
14	The value of sin-1 24/25 is equal to	A. csc-1 25/24 B. sec-1 24/25 C. 2 tan-1 4/5 D. 2cos-1 24/25
15	Question Image	
16	If order of A is m x n, then order of A^t is	A. m x m B. n x n C. m x n D. n x m
17	In ladder leaning against a vertical well makes an angle of 24□ with the wall, Its foot is 5m from the wall, its length is	A. 5.47m B. 2m C. 7m D. 6.29m

18	The liner equation ax + by = c is called _____ of the inequality ax +by > c.	A. Associated equation B. Non-associated equation C. disjoint equation D. Feasible equation
19	If A=B, then	A. $A \subset B$ and $B \subset A$ B. $A \subseteq B$ and $B \not\subseteq A$ C. $A \subseteq B$ and $B \subseteq A$ D. None of these
20	Question Image	