

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	<p>A. $(180^\circ - \theta)$</p> <p>B. $(180^\circ + \theta)$</p>
2	Which one is a pair of allied angles	<p>A. $(180^\circ - \theta)$</p> <p>B. $(180^\circ + \theta)$</p> <p>C. $(180^\circ + \theta)$</p> <p>D. None of these</p>
3	Question Image	
4	The multiplicative inverse of 4 is	<p>A. -4</p> <p>B. $-\frac{1}{4}$</p> <p>C. $\frac{1}{4}$</p> <p>D. 1</p>
5	The multiplicative inverse of -1 in the set $\{-1, 1\}$ is	<p>A. 1</p> <p>B. -1</p> <p>C. ± 1</p> <p>D. 0</p> <p>E. Does not exist</p>
6	In how many ways can 5 persons be seated at a round table	<p>A. 5!</p> <p>B. 4!</p> <p>C. 3!</p> <p>D. 120</p>
7	Question Image	<p>A. $6x - 2 + c$</p> <p>B. $x^3 - x^2 + x + c$</p> <p>C. $6x - x^2 + c$</p> <p>D. $6x^3 - x^2 + c$</p>
8	If distance between (3,b) and (0,0) is 3 then b = _____	<p>A. 3</p> <p>B. 9</p> <p>D. 0</p>
9	Question Image	
10	Through how many radians does the minute hand of a clock turn in one hour	
11	An A.P., a G.P. and a H.P. have the same first and last terms and the same odd numbers of terms, the middle terms of the three series are in	<p>A. A.P.</p> <p>B. G.P.</p> <p>C. H.P.</p> <p>D. None of these</p>
12	If $A \cap B = B$, then $n(A \cap B)$ is equal to	<p>A. $n(A)$</p> <p>B. $n(A) + n(B)$</p> <p>C. $n(B)$</p> <p>D. None of these</p>

A. $(180^\circ - \theta)$

B. $(180^\circ + \theta)$

C. $(180^\circ + \theta)$

D. None of these

13	Question Image	<p>rgb(255, 255, 248);"><i>π</i>/ 2</p> <p>B. <i>π</i>/ 3</p> <p>C. <i>π</i>/ 4</p> <p>D. <i>π</i></p>
14	The transpose of a zero matrix is a _____	<p>A. Column matrix</p> <p>B. Zero matrix</p> <p>C. Row matrix</p> <p>D. Scalar matrix</p>
15	Question Image	
16	Let the equation $ax^2 - bx + c = 0$ have distinct real roots both lying in the open interval (0, 1) where a, b, c are given to be positive integers. Then the value of the ordered triplet (a, b, c) can be	<p>A. (5, 3, 1)</p> <p>B. (4, 3, 2)</p> <p>C. (5, 5, 1)</p> <p>D. (6, 4, 1)</p>
17	Question Image	
18	$w^{-12} =$ _____	<p>A. 0</p> <p>B. 1</p> <p>C. w</p> <p>D. $w^{<sup>2</sup>}$</p>
19	A rule that assigns to each elements x in X a unique element y in Y is called a _____	<p>A. domain</p> <p>B. range</p> <p>C. function</p> <p>D. none of these</p>
20	In $(x + iy)^x$ is the known as	<p>A. Imaginary part of complex number</p> <p>B. Real part of complex number</p> <p>C. Complex number</p> <p>D. None of above</p>