

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	In school there are 150 students Out of these 80 students enrolled for mathematics class 50 enrolled for English class and 60 enrolled for Physics class The student enrolled for English cannot attend any other class but the students of mathematics and Physics can take two courses at a time Find the number of students who have taken both physics and mathematics.	A. 40 B. 30 C. 50 D. 20
2	Question Image	A. 0 B. 1 C. 2 D. 3
3	Question Image	
4	Question Image	A. Always negative B. Zero C. Always positive D. Infinity
5	Question Image	
6	The physical quantity which can be specified by a number alongwith unit is called a	A. scalar B. vector C. constant D. none of these
7	A series consisting of an unlimited number of terms is termed as an	A. Finite sequence B. Infinite sequence C. ^{Infinite series} D. geometric sequence
8	Question Image	
9	The perimeter of a sector of a central angle of measure 1 radian out off an are of length 35cm is	A. 35 cm B. 70 cm C. 140 cm D. 105 cm
10	Question Image	A. direction ratios B. direction cosines C. direction angles D. none of these
11	For three consecutive terms in A.P middle term is called	A. A.M B. nth term C. Central term D. None of these
12	Question Image	A. $a \cos(ax + b) + c$ B. $- a \cos(ax + b) + c$
13	Question Image	
14	Which of the following ordered pair is a solution of the inequality $x+2y<6$?	A. (2,3) B. (2,2) C. (6,0) D. (1,1)
15	The straight lines represented by the equation $ax^2+ 2hxy +by^2 =0$ intersects at	A. (1,1) B. (0,1) C. (1,0) D. (0,0)
16	Question Image	A. A = C B. A = B C. B = C D. None of these
17	Question Image	
18	Question Image	
19	The common point to four standard parabolas	A. Focus B. Centre C. Vertex

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The general term of the A.P. is

- A. $a + (n - 1) d$
- B. $n + (a - 1) d$
- C. $d + (n - 1) a$
- D. None of these