

Mathematics Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Zero cannot be a term of:	A. A.P and G.P B. G.P and H.P C. A.P and H.P D. only H.P
2	If S is the H.M between 2 and b then b = :	A. -10 B. 10 C. 7 D. 5
3	The reciprocal of the terms of A.P. form:	A. A.P B. G.P C. H.P D. none of these
4	A sequence of numbers whose reciprocal form an arithmetic sequence, is known as:	A. arithmetic sequence B. geometricsequence C. harmonicsequence D. none of these
5	The series $2 + 2 + 2 + \dots$ is:	A. divergent B. convergent C. oscillatory D. none of these
6	A geometric series is convergent only if:	A. $ r > 1$ B. $ r < 1$ C. $ r = 1$ D. none of these
7	The product of three G.Ms between 1 and 16 is:	A. 32 B. 64 C. 128 D. 16
8	If there are six G.Ms between 3 and 284 then $G_4 =$	A. 24 B. 48 C. 12 D. 6
9	G.M between $-2i$ and $8i$ is:	A. 4 or -4 B. $4i$ or $-4i$ C. 2 or -2 D. none
10	The series $3 + 33 + 333 + \dots$ is:	A. A.P B. G.P C. H.P D. none of these
11	Reciprocals of the terms of the geometric sequence form:	A. A.P B. G.P C. H.P D. none
12	Which number cannot be a term of a geometric sequence ?	A. 0 B. 1 C. -1 D. r
13	7th term of G.P 3, 6, 12 is:	A. 512 B. 192 C. 48 D. 96
14	<u>Question Image</u> <input type="text"/>	A. A.P B. G.P C. H.P D. none
15	A clock strikes once when its hour hand is at one, twice when it is at two, and so on. How many times does the clock strike in ten hours ?	A. 55 B. 78 C. 66 D. 46

16	Sum of integral multiples of there between 4 and 22 is:	A. 81 B. 75 C. 211 D. none
17	Sum of all positive integral multiples of 3 less than 100 is:	A. 950 B. 760 C. 1230 D. 875
18	Sum of all odd numbers between 100 and 200 is:	A. 6200 B. 6500 C. 3750 D. 7500
19	The sum of 10 A.Ms between 3 and 47 is:	A. 50 B. 250 C. 100 D. 500
20	A.M between $1 + x - x^2$ and $1 + x + x^2$ is:	A. $1 + x^{>2</sup>2</sup>$ B. $1 + x$ C. 2 D. none