

## 11th Class FSC Mathematics Chapter 6 Test Online

Sr	Questions	Answers Choice
1	If S is the H.M between 2 and b then b = :	A10 B. 10 C. 7 D. 5
2	Fifth term of the sequence 2, 6, 11, 17.	A. 24 B. 41 C. 32
3	The reciprocal of the terms of A.P. form:	A. A.P B. G.P C. H.P D. none of these
4	Sequences are also called:	A. Series B. Progressions C. Means D. Convergence
5	Question Image	A. A.P B. G.P C. H.P D. none
6	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
7	If $a_n = (n + 1) a_{n-1}$ , $a_1 = 1$ , second term of the sequence is:	A. 3 B. 1 C. 2 D. 4
8	The product of three G.Ms between 1 and 16 is:	A. 32 B. 64 C. 128 D. 16
9	In an A.P.a <sub>3</sub> = 12 and a <sub>7</sub> = 32 then d = :	A. 5 B. 3 C. 7 D. 9
10	A sequence of numbers whose reciprocal form an arithmetic sequence, is known as:	A. arithmetic sequence B. geometricsequence C. harmonicsequence D. none of these
11	Two A.Ms. between 3 and 9 are:	A. 3. 6 B. 5, 7 C. 6, 12 D. 3, 9
12	What is called the arrangement of numbers formed according to some definite rule?	A. arithmetic sequence B. geometricsequence C. sequence D. none of these
13	Reciprocals of the terms of the geometric sequence form:	A. A.P B. G.P C. H.P D. none
14	The next term of the sequence-1, 2, 12, 40,is:	A. 112 B. 212 C. 144 D. none
15	7th term of G.P 3, 6, 12 is:	A. 512 B. 192 C. 48 D. 96

16	The sum of 10 A.Ms between 3 and 47 is:	A. 50 B. 250 C. 100 D. 500
17	Arithmetic series is only possible if:	A.  d  = 1 B.  d  < 1 C.  d  > 1 D. none
18	Which number cannot be a term of a geometric sequence ?	A. 0 B. 1 C1 D. r
19	What is the next term in the sequence 10, 7, 4, 1?	A. 2 B2 C3 D. none of these
20	A function whose domain is the set of natural numbers is called the:	A. series B. sequence C. means D. convergent