

## 11th Class ICS Mathematics Chapter 6 Test Online

Sr	Questions	Answers Choice
1	The series 2 + 2 + 2 is:	A. divergent B. convergent C. oscillatory D. none of these
2	An infinite sequence has no:	A. nth term B. last term C. sum D. none
3	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
4	What is called the difference between two consecutive terms of an arithmetic sequence ?	A. common ratio B. common difference C. common element D. none of these
5	Domain of finite sequence is:	A. set of natural numbers B. subset of N C. R D. none
6	A sequence is denoted by:	B. {a <sub>n</sub> } C. a <sub>n</sub> D. a <sub>1</sub> + (n-1) d
7	The next term of the sequence-1, 2, 12, 40,is:	A. 112 B. 212 C. 144 D. none
8	Question Image	A. A.P B. G.P C. H.P D. none
9	What is the next term in the sequence 10, 7, 4, 1?	A. 2 B2 C3 D. none of these
10	A.M between 1 + x - $x^2$ and 1 + x + $x^2$ is:	A. 1 + x <sup>2</sup> B. 1 + x C. 2 D. none
11	The sum of 10 A.Ms between 3 and 47 is:	A. 50 B. 250 C. 100 D. 500
12	If a <sub>n-1</sub> = 2n - 3 then a <sub>n+1</sub> =	A. 2n - 1 B. 2n + 1 C. 2n + 3 D. none
13	Sum of integral multiples of there between 4 and 22 is:	A. 81 B. 75 C. 211 D. none
14	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
15	Sum of all positive integral multiples of 3 less than 100 is:	D. 46  A. 950 B. 760 C. 1230 D. 875

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16	Which number cannot be a term of a geometric sequence ?	A. 0 B. 1 C1 D. r
17	A function whose domain is the set of natural numbers is called the:	A. series B. sequence C. means D. convergent
18	The reciprocal of the terms of A.P. form:	A. A.P B. G.P C. H.P D. none of these
19	What is the common difference of the sequence 11, 5, -1,?	A. 6 B6 D. none of the foregoing numbers
20	What is the general term of the sequence 2, 4, 6, 8,?	A. 2n B. n + 1 C. 2n <sup>2</sup> D. none of these