

Mathematics ECAT Pre Engineering Chapter 8 Sequences and Series Online Test

Sr	Questions	Answers Choice
1	The three consecutive numbers a, \sqrt{ab}, b are in	A. G.P B. H.P C. G.M D. None of these
2	If G is a G.M between a and b then a,G,b are in	A. A.P B. H.P C. G.P D. None of these
3	The formula $a_n = ar^{n-1}$ represents	A. nth term of G.P B. Sum of the first n terms C. G.M between a and b D. None of these
4	The formula $a_n = a + (n-1)d$ for an A.P is called	A. nth term of an A.P B. Sum of first n terms C. A.M between a and b D. None of the above
5	An infinite sequence has no	A. nth term B. Last term C. Sum D. None of these
6	An indicated sum of terms of a sequence is represented by	A. S_n B. a_n C. $S(n)$ D. $\{S_n\}$
7	Which one represents a sequence	A. a_n B. S_n C. $a(n)$ D. $\{a_n\}$