Let a_n be the nth term of a geometric sequence. If $a_3 = 21$ and $a_7 = 189$, which of the following must be true?

I. The common ratio of the sequence is less than 1.
II. Some of the terms of the sequence are irrational numbers.
III. The sum of the first 99 terms of the sequence is greater than 3×10^{24}.

    A.   I only

    B.   II only

    C.   I and III only

    D.   II and III only