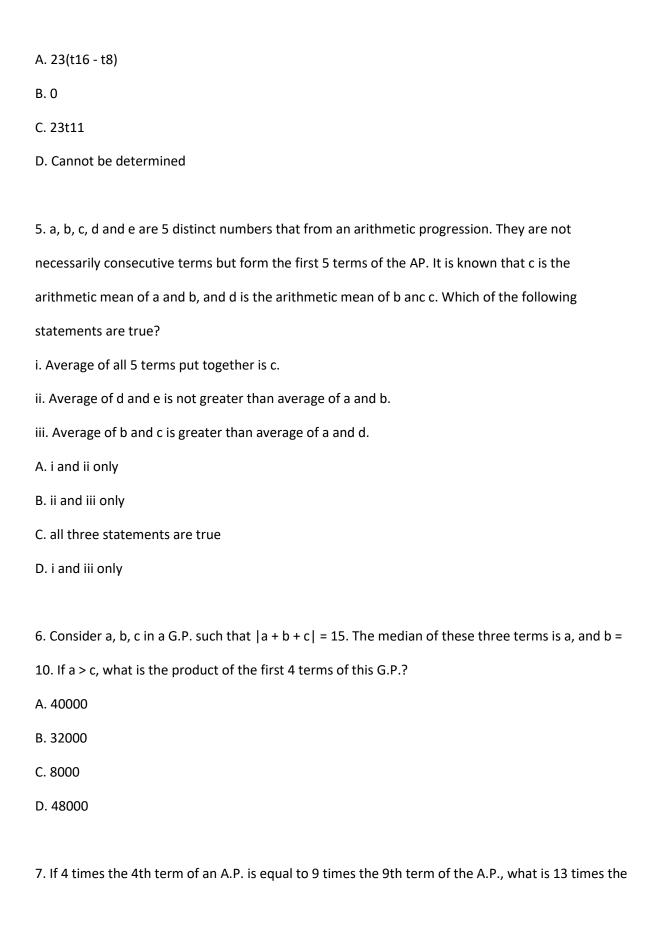
## **Quantitative Aptitude Practice questions on Progression**:

1. Second term of a OF is 1000 and the common ratio is where it is a natural number. Fir is the
product of n terms of this GP. P6 > P5 and P6 > P7, what is the sum of all possible values of n?
A. 4
B. 9
C. 5
D. 13
2. Sum of first 12 terms of a GP is equal to the sum of the first 14 terms in the same GP. Sum of
the first 17 terms is 92, what is the third term in the GP?
A. 92
B92
C. 46
D. 231
3. Sum of first 25 terms in AP is 525, sum of the next 25 terms is 725, what is the common
difference?
A. 8/25
B. 4/25
C. 6/25
D. 1/25
4. Let the nth term of AP be defined as tn, and sum up to 'n' terms be defined as Sn. If  t8  =  t16  and
t3 is not equal to t7, what is S23?



13th term of this A.P.?
A. 7 times the 13th term
B. 0
C. 13 times the 7th term
D. 4 times the 4th term + 9 times the 9th term
8. Sequence P is defined by pn = pn-1 + 3, p1 = 11, Sequence Q is defined as $qn = qn-1 - 4$ , $q3 = 103$ . If
pk > qk+2, what is the smallest value k can take?
A. 6
B. 11
C. 14
D. 15
9. The sum of 2n terms of A.P. {1, 5, 9, 13} is greater than sum of n terms of A.P. = {56, 58,
60}. What is the smallest value n can take?
A. 9
B. 10
C. 12
D. 14
10. a, b, c and d are in A.P., What can we say about terms bcd, acd, abd and abc?
A. They are also in A.P.
B. They are also in H.P.
C. Theyare also in G.P.
D. Theyare not in an A.P., G.P. or H.P.

## Answer Key –

QA	1	2	3	4	5	6	7	8	9	10
ANS	В	Α	Α	В	Α	Α	В	D	Α	В