

CLASS TEST

MAX. MARKS:16

1. Find the sum of the following series:
 $5 + (-41) + 9 + (-39) + 13 + (-37) + 17 + \dots$
 $+(-5) + 81 + (-3)$ **3**
2. Find the common difference of an AP whose first term is 1 and the sum of first four terms is one third to the sum of the next four terms. **5**
3. How many terms of the AP 9,17,25,.....must be taken to give a sum 636?**3**
4. The angles of a triangle are in A.P. If the greatest angle equals to the sum of the other two, find the angles.**3**
5. Find the sum of all the numbers between 200 and 500 which are divisible by 7.**2**