

Exercise 14D

Question 1:

(i) first eight natural numbers are:

1,2,3,4,5,6,7and 8

(ii) First ten odd numbers are:

1,3,5,7,9,11,13,15, 17, and 19

$$\frac{\text{Sum of numbers}}{\text{Total numbers}} = \frac{(1+3+5+7+9+11+13+15+17+19)}{10}$$
$$= \frac{100}{10} = 10$$

:. Mean = 10

(iii) First five prime numbers are: 2, 3, 5, 7, 11

$$\frac{\text{Mean} = \frac{\text{Sum of numbers}}{\text{Total numbers}}}{\text{Total numbers}}$$

$$= \frac{(2+3+5+7+11)}{5}$$

$$= \frac{28}{5} = 5.6$$

(iv) First six even numbers are: 2,4,6,8,10,12

$$=\frac{(2+4+6+8+10+12)}{6}=\frac{42}{6}=7$$

 \therefore Mean = 7.

(v) First seven multiples of 5 are: 5,10,15, 20, 25, 30, 35

$$\therefore \qquad \text{Mean} = \frac{\text{Sum of numbers}}{\text{Total numbers}}$$

$$= \frac{(5+10+15+20+25+30+35)}{7}$$

$$= \frac{140}{7} = 20$$

Therefore, Mean =20 (vi) Factors of 20 are: 1,2,4,5,10,20

$$=\frac{(1+2+4+5+10+20)}{6}=\frac{42}{6}=7$$

******* END *******