

### Ex- 8(A)

1. Write all the factors of:

(i)  $15 = 1, 3, 5, 15$

(ii)  $55 = 1, 11, 55, 5$

(iii)  $48 = 1, 2, 3, 4, 6, 8, 12, 48$

(iv)  $36 = 1, 2, 3, 4, 6, 9, 12, 18, 36$

(v)  $84 = 1, 2, 3, 4, 6, 7, 12, 21, 84, 4$

2. (i) less than 25

Ans = 2, 3, 5, 7, 11, 13, 17, 19, 23

(ii) between 15 and 35

Ans = 17, 23, 31, 29

(iii) between 8 and 76

Ans = 11, 13, 17, 19, 23, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, and 73

3. (i) 5 to 45

5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43 and 47

(ii) 2 to 32

2, 3, 5, 7, 11, 13, 17, 19, 23, 29  
and 31

(iii) 8 to 48

11, 13, 17, 19, 23, 29 and 31, 37,  
41, 43, ~~47~~

(iv) 9 to 59

11, 13, 17, 19, 23, 29, 31, 37,  
41, 43, ~~47~~, 53 and 59

4. (i) 16 = 2

(ii) 27 = 3

(iii) 35 = 5 and 7

(iv) 49 = 7

5. (i)  $P_6 = 2$  and 3

(ii)  $P_{24} = 2$  and 3

(iii) ~~30~~  $P_{50} = 2$  and 5

(iv)  $q_{42} = 2, 3, 7$