

Ex-5(C)

1) i) 192 ii) iii) i

ii) 192 ii) 1660 iii) 1101 iv) 2079

A number having its unit digit 2, 4, 6, 8, 0 is divisible by 2. So numbers 192, 1660 are all divisible by 2.

2) i) 261 ii) 111 iii) 6657 iv) 2574

A number is divisible by 3 if the sum of the digits is divisible by 3. So all the given numbers are divisible by 3.

3) i) 860 ii) 3180 iii) 5848 iv) 7756

A number is divisible by 4 if the number formed by last two digits is divisible by 4. So, all the given numbers are divisible by 4.

4) i) 3250 ii) 5557 iii) 39255 iv) 8204

A number having its unit digit ^{5 or 0} is divisible by 5. So numbers 3250, 39255 are all divisible by 5.

5) i) 5100 ii) 4612 iii) 3400 iv) 8399

A number having its unit digit is 0, is divisible by 10. So numbers 5100, 3400 are divisible by 10.

6) i) 2563 ii) 9307 iii) 95635

A number is divisible by 11 if the difference of the sum of digits at the odd place and sum of the digits at the even place is zero or divisible by 11. So 2563 is divisible by 11.