

## TXL222 Yarn Manufacture II: Minor – II (Part-II)

**Total Marks in Part-II: 10**

Time: Maximum 1 hr (*Part-I + Part II*)

3.5 + 3.5 = 7

*Answer all questions*

1. With appropriate neat diagram(s), very briefly describe the following motions (including source, ways to change the rate etc.) and explain the factors on which these motions depend. [**Neat diagrams with labels are must. Explain each point in maximum two to three lines.**]
  - i) Shifting of cone belt and change of rate of belt shifting
  - ii) Reversal of the direction of bobbin rail
  
2. Logically explain all the changes required before processing 100% polypropylene fibre in roving frame which is at present running with 100% cotton.

3