

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

Total Marks in Part-II: 12

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

Answer all questions

3×2 = 6

1. With suitable line diagrams, describe very briefly the mechanisms, motions and activities of the following components in a modern combing machine,

- i) Nipper assembly
- ii) Feed roller
- iii) Detaching roller

5+1 = 6

2.a. Describe, with detailed derivations, justifications and suitable diagrams, the Gégauff's noil theory for forward feed of a rectilinear cotton comber.

b. Also mention the merits and demerits of forward feed over backward feed system.