



- Q3** Write Short Notes [ **ANY THREE** ] [15]
1. Automixer
  2. Lap defects and remedies
  3. Factors to be considered for Processing of Manmade fibres in Blow room
  4. Karousal bale opener

**SECTION - II**

- Q4.[a] Do as directed:**
1. Action between cylinder and flat is called stripping action. (State true/false). [01]
  2. For \_\_\_\_\_ variation, close loop system autoleveller is suitable. [01]
  3. Carding removes as well as generates the neps. (State true or false). [01]
  4. Write the formula to calculate production of carding in kg/shift. [02]
- [b] Explain open loop and close loop system in chute feeding with neat sketch. [05]
- [c] Explain any chute feed system with neat sketch. [07]
- [d] Write the advantages of tandem card. [03]
- Q5 .[a]** What is autoleveller? Explain working of any autoleveller you know with neat sketch. [10]
- [b] Calculate hank of lap, if draft on carding machine is 110, hank of sliver 0.15 and waste in carding machine is 5%. [05]

**OR**

- Q5 [a]** Derive a formula to find out intensity of card assuming suitable data. [07]
- [b] Describe **any two** developments in card web doffing system with neat sketches. [08]

- Q6** Write Short Notes [ **ANY THREE** ] [15]
1. Flexible card clothing.
  2. Traverse roller grinder.
  3. Air stripper.
  4. Importance of card setting and factors affecting it.