

## **CHAPTER 12 - FABRIC CONSTRUCTION**

### **PART A**

#### **I Answer the following questions (1 Marks)**

1. What is TPI?
2. Mention the two systems of yarn count.
3. Mention the types of yarn.
4. What are warp yarns?
5. What are weft yarns?
6. Define weaving.
7. Define spinning.
8. What is a loom?
9. What are Heddles?
10. What is shuttle?

### **PART B**

#### **II Answer the following questions (2 Marks)**

1. What is silver in cotton yarn construction?
2. What is yarn count?
3. What are Novelty Yarns?
4. Mention the parts of a loom.
5. What is a basic weave?
6. What are cord Yarns?
7. What is spiral or corkscrew yarn?
8. What are warp yarns?
9. What are weft yarns?

### **PART C**

#### **III Answer the following questions (3 Marks)**

1. Write a note on combining process in cotton yarn construction.
2. Write a note on carding process in cotton yarn construction.
3. Explain the importance of yarn twist.
4. Write a note on "S" and "Z" twist in a yarn.
5. Explain the direct system in a yarn.
6. Explain the indirect system in a yarn.
7. What is a basic weave and mention its types.
8. Explain plain weave and its variations.
9. Write a note on twill view.

10. Write a note on satin weave.
11. Write a note on pile weave.
12. Write a note on leno weave.
13. Write a note on jacquard weave.
14. Write a note on dobby weave.

#### **PART D**

#### **IV Answer the following questions (5 Marks)**

1. Explain the steps in yarn construction.
2. What are simple yarns and explain.
3. What are novelty yarns and explain types of novelty yarns.
4. Explain the parts of a basic loom.
5. Discuss the steps of basic weaving process.
6. What are decorative weaves and explain their types.