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222535

Roll No.

**3rd Sem / Branch : Textile Design
Sub.: Structural Fabric Design - II**

Time : 3Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 The weave in which the warp yarns do not lie parallel, instead work in groups is known as
a) Plain weave b) Twill weave
c) Gauze or leno weave d) None
- Q.2 Fabrics which are produced using two series of weft threads and one series of warp threads is defined as
a) Warp pile fabric b) Weft pile fabric
c) Gauze fabric d) None
- Q.3 A fabric which is made with pile loops on one or both sides is known as
a) Weft plush b) Corded velveteen
c) Terry Pile d) None
- Q.4 When jacquard mechanism is mounted with the parallel of the loom, it is called
a) London system b) Norwich system
c) Jacquard system d) None

- Q.5 Jacquard mechanism is used for
 a) Sheding b) Picking
 c) Beat up d) None
- Q.6 After how many picks the fast beat up is done in a four pick terry?
 a) One b) Two
 c) Three d) None

SECTION-B

Note: Objective/Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

- Q.7 Define top douping.
 Q.8 Tell any one use of gauze fabrics.
 Q.9 Write two properties of terry towel fabric.
 Q.10 Define sett of harness.
 Q.11 Write the types of pile fabrics.
 Q.12 What is the use of harness in jacquard?

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

- Q.13 Discuss the basic sheds used in leno weaving.
 Q.14 What are the properties of terry towel?
 Q.15 Differentiate between damask and brocade.

- Q.16 Describe the construction of velveteen with suitable weave design.
 Q.17 Discuss the methods of terry ornamentalations in brief.
 Q.18 Describe the process of drafting a sketch design with suitable diagram.
 Q.19 What do you understand by casting out in jacquard?
 Q.20 What are the conditions to observe in designing figures from fabrics?
 Q.21 Write the steps for composing jacquard design.
 Q.22 Illustrate alternate pile ends over alternate wires with suitable design.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. $(2 \times 8 = 16)$

- Q.23 Explain the principle of formation of three pick and four pick terry pile fabrics with suitable weave designs.
 Q.24 Explain the principle of formation of warp pile fabrics on face to face principle with diagram.
 Q.25 Define tapestry structure. Also discuss the types and used of tapestry structures.