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4th Sem / Textile Technology

Subject : Weaving Technology II

Time : 3 Hrs. M.M. : 60

SECTION-A

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

Q.1 Yarns perpendicular to the selvedge in the fabric are known as

a) Warp b) Weft

c) End d) None of the above

Q.2 The function of dobby in loom is

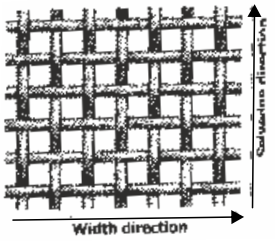
a) Picking b) Beating

c) Shedding d) All of the above

Q.3 For the plain-woven structure shown, count the number of weft,

a) 4 b) 5

c) 6 d) 7



SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Discuss the working principle of single lift single cylinder jacquard with neat and clean sketch.

Q.24 Explain the working principle of electronic jacquard loom and write its advantages.

Q.25 Explain Keighley dobby shedding mechanism with neat and clean sketch.

Q.4 _____ shed is formed in the double lift dobby.

a) Bottom close b) Centre close

c) Open d) Semi open

Q.5 If the weight of fabric of 10 square meter is 2500 gram, then GSM (gram per square meter) of fabric is

a) 25 b) 250

c) 2500 d) 25000

Q.6 Number of fillings per inch in a fabric stands for

a) EPI b) PPI

c) TPI d) None of the above

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 What is pattern cylinder?

Q.8 Harness in loom is used for _____

Q.9 What is selvedge?

Q.10 Define weft yarn in woven fabric?

Q.11 What is lingoes in loom?

Q.12 Name the two types of shedding system in loom.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Draw the straight and center harness ties.

Q.14 Explain the London System of harness Mounting.

Q.15 Differentiate between Conventional Dobby and Paper Dobby shedding Mechanism

Q.16 Differentiate between the single lift and double lift dobby.

Q.17 Classify the dobby shedding mechanism of loom.

Q.18 Differentiate between the Keighley and Climax dobby.

Q.19 Draw the sequence involved for development of Jacquard design.

Q.20 Write the advantages of electronic jacquard over conventional jacquard.

Q.21 Discuss the various types of Faults associated with the Dobby shedding Mechanism

Q.22 Differentiate between tappet and dobby shedding.