

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 What is technical Textile? Explain the classification of technical textile.
- Q.4 Explain in detail the gaber system of weft insertion with suitable diagram.
- Q.5 Write about various fabric defects their causes and remedies.
- Q.6 Explain the constructional detail and working of Automatic Shuttle changing mechanism.
- Q.7 What are the principle of weft insertion in Airjet loom? Also write a passage of warp on maxbo loom with neat diagram.

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5th Sem. / Textile - Technology

Subject : Weaving Technology-III

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1 a) Write any four application on needle punched non - woven fabric.
- b) What are technical textile?
- c) What is weft insertion rate in Airjet loom?
- d) What is non-woven fabrics?
- e) What is the cracks defects?
- f) What is the value loss?
- g) What is disadvantage of shuttle loom?
- h) What is weft insertion rate in water jet loom?
- i) What is take up motion?

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- j) What is Let - off motion?
- k) Write the name of shuttle less loom.
- l) What is the speed of projectile loom?
- m) Write the use of projectile loom.
- n) What is the function of weft feeler mechanism?
- o) What is the weft Accumulators?
- p) Write any four type of cloth defects.
- q) What are the tuck - in - selvedge?
- r) What is Recommended RH% in a loom shed?

SECTION-B

Note: Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) What are the factors that effect the loom shed efficiency?
 - ii) What are essential requirements for Air - jet weft Insertion?

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- iii) Briefly explain the mechanical warp stop motion.
- iv) Explain leno selvedge.
- v) Write a note on Double Rapier Dewas system.
- vi) Write the comparison between shuttle loom and shuttleless loom.
- vii) Write the features of terry fabric.
- viii) What are the advantages of rapier loom?
- ix) What is the use of selvedge formation?
- x) Write the main features of Airjet loom.
- xi) Write a note on bonded non-woven fabric.
- xii) What are disadvantages of water jet Loom?
- xiii) Explain the common warp defects and their remedies.
- xiv) Write a note on medical textile.
- xv) Write a note on Tuck-in-selvedge.

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