

SECTION-C

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

- Q.3 What are primary and auxillary motions of loom? Briefly mention the objectives of each primary auxillary motion.
- Q.4 Explain with suitable diagrams the principle of positive tappet shedding machine.
- Q.5 Discuss and explain classification of loom.
- Q.6 Explain mechanical and electrical warp motions.
- Q.7 Compare loose reed and fast reed warp protecting motions.

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No. of Printed Pages : 4

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Roll No.

3rd Sem. / Textile Design

Subject : FABRIC MANUFACTURE-I

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1
- Define primary motions of loom.
 - Define Loom timing.
 - What is shuttle checking?
 - What are different warp protecting motions?
 - Define eccentricity of the sky.
 - What is Beat up Mechanism?
 - What are objectives of weft stop motions?
 - What is the need for back rest in loom?
 - Enlist various warp stop motions.

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- j) What are limitations of tappet shedding?
- k) What is side lever underpick mechanism?
- l) Explain spring reversing motion as per its application.
- m) Enlist objectives of warp protecting motions.
- n) What do you understand by term "full of cloth"?
- o) What is negative tappet shedding?
- p) Explain principle of side weft fork motion.
- q) Enlist various parts of conventional non-automatic loom.
- r) Enlist various motion of loom.

SECTION-B

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

- Q.2
- i) How a roller reversing motion works?
 - ii) How positive let off motion works?

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- iii) What is the objectives of warp protector mechanism?
- iv) With neat sketch explain different types of temple.
- v) Explain objectives of warp protecting motions.
- vi) Compare side weft fork and centre weft fork motions.
- vii) What is tappet shedding?
- viii) Mention the difference between a 5 wheel & 7 wheel take up motions.
- ix) What is overpick?
- x) Compare negative tappet shedding and positive tappet shedding.
- xi) Explain the fast reed mechanism with neat sketch.
- xii) Explain various warp stop motions.
- xiii) How a roller reversing motion works?
- xiv) Briefly define the auxllary motion on a loom.
- xv) Explain the principle of side weft fork motion.

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