



RM-7203

B. E. III (Sem. VI) (T.T.) Examination

May / June - 2010

Weaving - III

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दृष्टाविले निशानीवाणी विगतो उत्तरवडी पर अवश्य लभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="B. E. 3 (Sem. 6) (T.T.)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Weaving - 3"/>	<input type="text"/>
Subject Code No. : <input type="text" value="7"/> <input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="3"/>	<input type="text" value="Student's Signature"/>
Section No. (1, 2,.....) : <input type="text" value="1&2"/>	

- (2) Answers to the **two** sections must be written in **separate** answer books.
- (3) Figures to the **right** indicate full marks.
- (4) Tie **two** sections **separately**.

SECTION - I

- Q1a.) Fill in the blanks : [10]
- Stop type shuttle change loom is stopped for _____ duration at the time of replacement of shuttle.
 - Shuttle eye and temple thread cutters are mounted on Cop Change loom to cut _____ threads.
 - In Loom Winder, the weaving speed should be _____ than the winding speed.
 - The function of Conveyer cam in Stop Type Shuttle Change loom is to transfer the shuttle from _____ to _____.
 - In lappet loom, the figures are formed by using _____ threads.
 - _____ reeds are used on Warp Ondule loom.
 - In terry fabrics, always _____ number of loose picks are inserted.
 - _____ figures are produced on Swivel Loom.
 - The length of weft in a bunch should have length of weft thread equals to _____ number of picks.
 - _____ type of shuttle is used in Cop Change loom.

Q1b.) State & explain the requirements for efficient working of cop change loom. [10]

Q2.) Classify weft feelers. Explain different types of Electrical Weft feelers in detail with the help of neat diagrams. 15

OR

Q2.) State the requirements for production of Lappet fabrics. With the help of neat diagrams, explain different mechanisms of Lappet loom. [15]

- Q3 .) Write Short Notes on : (Any three) [15]
- i. Working of 4 valves of Bobbin Loader
 - ii. Boat selvedge motion
 - iii. Different types of Swivel looms
 - iv. Types of terry mechanisms

SECTION - II

- Q4a.) Match the following : [05]

Set A

Set B

- | | |
|-------------------------|------------------|
| 1. Double lift jacquard | a. London system |
| 2. Jacquard tie-up | b. Spring box |
| 3. Electronic jacquard | c. Compound |
| 4. Needle | d. Solenoid |
| 5. Jacquard mounting | e. Two griffes |

- Q4b.) Fill in the blanks : [05]
- i. Change mechanisms are brought into operations by _____ mechanisms.
 - ii. Temple thread cutter is mounted on Cop Change loom to cut _____ thread.
 - iii. In Madras Muslin loom, the top warp line is formed by _____ threads when the gauze reed is lifted up.
 - iv. In fast reed type terry mechanism, the gap is created by giving _____ movement to reed.
 - v. Figures are created by using _____ threads in Swivel looms.

- Q4c.) Explain Warp Ondule loom with the help of neat diagram. [10]

- Q5 .) Draw a neat sketch of different parts of Jacquard mechanism and explain the same. [15]

OR

- Q5 .) Explain with neat diagrams the different systems of Tie-ups of jacquard. [15]

- Q6 .) Write Short Notes on : (Any three) [15]

- i. Single lift jacquard
- ii. Classification of jacquard
- iii. Electronic jacquard
- iv. Card cutting