314358

12526

3 Hours / 70 Marks Seat No. | | | | | | | | |

Instructions – (1) All Questions are *Compulsory.*

(2) Answer each next main Question on a new page.

(3) Illustrate your answers with neat sketches wherever necessary.

(4) Figures to the right indicate full marks.

(5) Assume suitable data, if necessary.

(6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Attempt any FIVE of the following : **10**

a) Give the concept of right-hand and left-hand dobby.

b) Write any two advantages of rotory dobby.

c) State the objectives of jacquard shedding.

d) State the functions of lingo in mechanical jacquard.

e) Compare between 2×1 and 2×2 drop box motion.

f) List the types of drop wires.

g) State the advantages of automatic looms.

2. Attempt any THREE of the following : **12**

a) Write the method of pegging for right hand dobby by taking suitable example.

b) Discuss the working of paper cam dobby.

c) Discuss about Norwich system of harness tie.

d) Give the advantages of modern electronic jacquard.

P.T.O.

Marks

3. Attempt any THREE of the following : **12**

a) Give the limitations of tappet shedding.

b) Write a note on figuring capacity of jacquard.

c) Compare ordinary loom with automatic loom.

d) Explain working of electrical warp stop motion.

4. Attempt any THREE of the following : **12**

a) Explain spring reversing motion used for heald frame reversing in negative dobbies.

b) Write the method of transferring jacquard design on graph paper from the motif.

c) Describe the working of electronic jacquard.

d) Write about object and types of dropbox.

e) Discuss the working of pirn changing mechanism.

5. Attempt any TWO of the following : **12**

a) Explain with neat sketch the working of double list double jack Keighley dobby.

b) Discuss with neat sketch the working of double lift double cylinder mechanical jacquard.

c) Explain the working of bartlett semi-positive let off mechanism.

6. Attempt any TWO of the following : **12**

a) Discuss the working of two cylinder cross border dobby.

b) Explain the working of any positive dobby.

c) Give the types of weft feelers. Also explain with neat sketch the electrical weft feeler.
