

Roll No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(FD) Knits (2014 to 2017) (Sem.-3)
TECHNIQUES FOR CIRCULAR KNITTING
Subject Code : B.Sc FDK-311
M.Code : 72540

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **FIFTEEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **SIX** questions carrying **TEN** marks each and students have to attempt any **THREE** questions.

SECTION-A**1. Define Briefly :**

- a) Explain the term yarn tension controllers.
- b) Name the weft knitting stitches.
- c) Give the features of double jersey machines.
- d) Name the fabric take down mechanism.
- e) Explain the term feeder.
- f) Explain the term sinker.
- g) Classify circular knitting machines.
- h) What is negative feeder?
- i) Advantages of pattern wheel mechanism.
- j) Explain the term tucking.
- k) Explain the functioning of latch needle.
- l) Explain the term gauge.

- m) Features of interlock knitting machines.
- n) What is creel?
- o) Explain inlet and outlet stop motion.

SECTION-B

- 2. Explain **any two** weft circular knitting machines with diagram.
- 3. Write a detailed note on knitting needles and their functioning.
- 4. Explain the principles of interlock circular knitting machines? Give advantages and disadvantages of single jersey knitting.
- 5. Write a detailed note on mechanical jacquard knitting machines and also differentiate between single jersey and double jersey jacquard knitting machine.
- 6. What are the various design techniques for circular knitting fabric development? Explain four track and mini jacquard mechanism.
- 7. How fabric quality analysis done? Discuss about various knitted fabric defects.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.