

SECTION-C

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

- Q.3 Explain the working of a circular knitting machine.
- Q.4 Explain the knitting cycle of a latch needle with the help of a neat diagram.
- Q.5 Draw a comparison between 'Latch needle' and 'Bearded needle'.
- Q.6 Discuss the basic structures of weft knitting in brief.
- Q.7 Write short notes on
- a) Knit stitch
 - b) Float stitch

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Roll No.

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6th Sem. / Textile Design

Subject : Knitted Design

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1
- a) Name the main parts of the bearded needle.
 - b) Define overlap.
 - c) Define RIB.
 - d) Name the types of weft knitting machine.
 - e) How fabric take-away mechanism works?
 - f) Define 'Tuck' stitch.
 - g) Define laddering.
 - h) What do you mean by float?
 - i) Define sinker loop.

- j) What is closed lap?
- k) Define safety stitch.
- l) What is the function of butt?
- m) What is dial?
- n) What is face loop?
- o) Name two types of knitting.
- p) Define jack.
- q) Define stitch cam.
- r) Define needle gauge.

SECTION-B

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

- Q.2
- i) Write down some properties of interlock fabric.
 - ii) What do you mean by shogging motion?
 - iii) Explain closed lap & open lap.
 - iv) Name the basic structure of weft knitting.

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- v) What do you mean by 'face and back loop stitch'.
- vi) Write down the advantages of different knitting needles.
- vii) Write down some uses of tricot knits fabrics.
- viii) What precautions should be taken during spreading of knitted fabrics?
- ix) Write down the salient features of flat bed knitting machines.
- x) Explain the parts of a compound needle with the help of an illustrated diagram.
- xi) List some uses of weft knitting.
- xii) Briefly explain the various types of knitting stitches.
- xiii) What is the function of 'stem' in compound needle?
- xiv) What is the function of 'butt' in a latch needle?
- xv) Explain the merits and demerits of a knitted fabrics?

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