

- Q.28 Draw a neat Line diagram of loom and name any Eight parts of loom.
- Q.29 What are different yarn numbering systems?
- Q.30 Describe a chemical test to identify cotton.
- Q.31 Explain the types of Novelty yarns.
- Q.32 What are Secondary motions?
- Q.33 Explain the various techniques of fabric manufacturing.
- Q.34 Differentiate between Satin and sateen. Also draw 5 end satin and sateen weave.
- Q.35 Define any five weaving defects.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Write down any five physical and five chemical properties of Silk fibre.
- Q.37 Define Loom. Explain the various types of loom in detail.
- Q.38 Draw a neat flowchart of various processes involved in spinning cotton yarn from cotton fibre and explain it.

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Fashion Design
Subject:- Textile Science - I

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 The main constituent of cotton fibre is
- a) Cellulose
 - b) Fibroin
 - c) Amino acids
 - d) Lignin
- Q.2 Which of the following fibres has excellent elastic recovery?
- a) Cotton
 - b) Polyester
 - c) Nylon
 - d) Viscose
- Q.3 Draw frame is a _____ machinery.
- a) Weaving
 - b) Padding
 - c) Spinning
 - d) knitting
- Q.4 What is the twist used in stitching thread?
- a) S
 - b) Z
 - c) Both
 - d) None
- Q.5 Denier is a _____ system of yarn numbering.

- a) Direct b) Indirect
c) Both a & b d) None of these
- Q.6** Picking can be done with the help of _____
a) Shuttle b) Projectile
c) Rapier d) All of these
- Q.7** How many sets of yarn are used in weaving.
a) One b) Two
c) Three d) Four
- Q.8** Non-wovens are made by _____ technique.
a) Weaving b) knitting
c) Felting d) None of these
- Q.9** The angle of standard twill weave is always _____ degrees.
a) 90 b) 75
c) 180 d) 45
- Q.10** _____ is one of the primary motions of the loom.
a) Take-up b) Let-off
c) Shedding d) Denting

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

Q.11 Name the protein present in wool fibre.

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- Q.12** Viscose rayon is which kind of fibre.
- Q.13** Two or more plied yarns are twisted together to form a _____ yarn.
- Q.14** Name one Auxiliary motion.
- Q.15** How many healds are required to make a plain weave?
- Q.16** Water Jet is a type of _____ Loom.
- Q.17** Wet spinning is done for _____ fibres.
- Q.18** Lap is formed in Carding section of spinning(T/F)
- Q.19** The yarns along the width of fabric are called _____
- Q.20** Float is a weaving defect. (T/F)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$

- Q.21** Mention any five properties of Polyester fibre.
- Q.22** Write down any five differences between staple and filament fibres.
- Q.23** Draw Longitudinal and cross sectional view of cotton and wool fibre.
- Q.24** Classify fibres on the basis of their origin.
- Q.25** Define Spinning. Explain Wet spinning process.
- Q.26** Mention any five characteristics of Simple yarns.
- Q.27** Define Twist. Explain types of twist.

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