

- Q.29 Explain two types of Twist given to fibres to make it a yarn.
- Q.30 Explain DRY spinning process of man-made fibre production.
- Q.31 What is the importance of Draw frame in Ring spinning?
- Q.32 Draw and explain Plain Weave.
- Q.33 Give a brief overview of Conventional loom.
- Q.34 Draw and Explain the structure of Corkscrew yarn.
- Q.35 What is the difference between Staple fibre and filament?

SECTION-D

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

- Q.36 Explain in detail Physical and Chemical properties of Silk.
- Q.37 Explain the difference between Weaving and Knitting.
- Q.38 Write a short note on:
A) Carding
B) Fabric defects

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1. Sem.

Branch: Fashion Design, Fash Tech., Garment Tech.

Sub : Textile Science-I

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Which of the below is a seed type vegetable fibre?
a) Wool b) Flax
c) Cotton d) Jute
- Q.2 Which fibre has scales on its surface?
a) Silk b) Polyester
c) Cotton d) Wool
- Q.3 The process of arranging the fibres parallel is known as _____.
a) Drawing b) Carding
c) Ginning d) Twisting
- Q.4 Which of the below statement is incorrect?
a) Twist binds the fibres together
b) Twist decreases the strength of yarn
c) The amount of twist affect the appearance of yarnd) The amount of twist is measured as number of Turns per inch
- Q.5 Shedding & picking are _____ motions of loom.

- a) Primary b) Secondary
c) Auxiliary d) Tertiary
- Q.6 Weaving and knitting are techniques of _____ manufacture.
- a) Yarn b) Fabric
c) Fibre d) Garment
- Q.7 Plain, twill and satin are types of _____.
- a) Weaves b) Yarn
c) Novelty yarn d) Spinning
- Q.8 Which fibre is used for making of Raincoats?
- a) Cotton b) Wool
c) Polyester d) Jute
- Q.9 The ability of a fibre to increase in length when under tension and then return to its original length when released is known as :
- a) Specific gravity b) Elasticity
c) Resilience d) Conductivity
- Q.10 _____ is inserting of weft yarn across the warp yarn into the shed.
- a) Beat-up b) Picking
c) Take up d) Let off

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define strength.
- Q.12 Name any one regenerated fibre.

- Q.13 Define Ply yarns.
- Q.14 Count is number of hanks of _____ yards in one pound.
- Q.15 Separating warp yarn into two layers to form a shed is known as _____.
- Q.16 Define fibre.
- Q.17 _____ is known as “King of fibres”.
- Q.18 3X1 is the structure of _____ weave.
- Q.19 Name any one shuttle loom.
- Q.20 Weaving is _____ of warp and weft yarns.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Explain the shape and structure of Wool fibre with the help of diagram.
- Q.22 Explain physical properties of cotton fibre.
- Q.23 What do you understand by Man-made fibres. Differentiate between regenerated and synthetic fibres.
- Q.24 What are the objectives of Blow room?
- Q.25 Explain types of Simple yarns.
- Q.26 Explain the Direct system of yarn numbering.
- Q.27 Explain the concept of Non-Woven fabrics.
- Q.28 Explain any two Secondary motion of Loom.