

- 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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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) Coton
 - 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 yarn
 - d) The amount of twist is measured as number of Turns per inch

Q.5 Sheding & 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.