

- Q.18 Write any 3 chemical properties of polyester fibres.
- Q.19 Write note on synthetic fibres.
- Q.20 Differentiate between fibre and filament.(any 2)
- Q.21 Differentiate between natural and man made fibres.
(any 2)
- Q.22 Write any 3 uses of polyamide fibres.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. $(2 \times 8 = 16)$
- Q.23 What are textile fibres? Classify and explain them with examples.
- Q.24 Explain in brief the manufacturing process of viscose rayon.
- Q.25 Explain in brief the physical and chemical properties of cotton fibres. (5 each)

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1st Year / Textile Processing

Subject:- Introduction to textile Fibres

Time : 3Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory $(6 \times 1 = 6)$

- Q.1 Nylon is a _____
a) Regenerated fibre b) Metallic fibre
c) Natural fibre d) Synthetic fibre
- Q.2 The fibre belonging to Polyamide group is _____
a) Cotton b) Acetate
c) Nylon d) Polyester
- Q.3 The fibre obtained from animal is _____
a) Cotton b) Acetate
c) Wool d) Polyester

(60)

(4)

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(1)

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Q.4 Asbestos is a _____

- a) Regenerated fibre b) Mineral fibre
- c) Animal Fibre d) Vegetable fibre

Q.5 Flax is a _____

- a) Regenerated fibre b) Mineral fibre
- c) Animal Fibre d) Vegetable fibre

Q.6 Diacetate rayon is a _____

- a) Regenerated fibre b) Mineral fibre
- c) Animal Fibre d) Vegetable fibre

SECTION-B

Note: Objective/Completion type questions. All questions are compulsory. (6x1=6)

Q.7 (Wool/Cottan fibre) _____ has affinity for acid dyes.

Q.8 Cottan fibre good affinity for _____ (disperse / reactive) dye.

(2)

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Q.9 Nylon is _____ (more/less) elastic than cottan fibre.

Q.10 Cottan fibre _____ (looses/gain) strength on wetting.

Q.11 "Wool needs special care from insects". (True/False)

Q.12 Cottan fibre gets shrink when it approaches near fire. (True/False)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Write any 3 physical properties of any one cellulosic fibres.

Q.14 Write any 3 chemical properties of anyone protein fibres.

Q.15 Define fibre and filament.

Q.16 Give reason why is nylon used for making ropes. (any 2)

Q.17 Differentiate between dry-spinning and wet-spinning. (any 2)

(3)

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