

SECTION-C

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

- Q.3 Explain classification of wool according to source.
- Q.4 Explain the manufacturing of polyester with help of flow chart.
- Q.5 Explain physical & chemical properties of Nylon fibre in detail.
- Q.6 Explain the process of manufacture of cotton in detail.
- Q.7 Explain various methods for production of acrylic fibres. What are various uses of acrylic fibres? Explain in detail.

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1th Sem. Textile Design

Subject : Textile Processes-1

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 a) What is looming?
b) What is air jet spinning?
c) What is warping?
d) What is waste silk?
e) What are multi filament fibres?
f) What is relative humidity?
g) What is frictionless spinning?
h) Which synthetic fibre is called artificial silk?
i) What is winding?

- j) What is fabric finishing?
- k) Define resilience of a fibre.
- l) What is water absorbency of fibre?
- m) Give one example of mineral fibre.
- n) Give one example of semi-synthetic fibre.
- o) What is grid spinning?
- p) What is speen yarn?
- q) Define roving
- r) What is weaving?

SECTION-B

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

- Q.2
- i) What are various disadvantages of weighting of silk?
 - ii) Differentiate between woolens & worsteds?
 - iii) Differentiate between water repellency & water proofing

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- iv) What are by-products of cotton?
- v) Differentiate between synthetic & regenerated fibers.
- vi) Differentiate between wild silk & waste silk?
- vii) Describe a chemical test to identify wool.
- viii) Differentiate between filament yarn & speen yarn.
- ix) Describe a chemical test to identify jute.
- x) Write short note on regenerated fibres.
- xi) Write short note on effect of moisture content on fibre.
- xii) Write one method for production of wool.
- xiii) Describe a chemical test to identify viscose rayon.
- xiv) Explain spinning process of nylon.
- xv) Compare the properties of cotton & silk.

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