

xv) Discuss uses of viscose Rayon fibre.

SECTION-C

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

Q.3 Draw a classification chart of Textile fibres with types & trade names.

Q.4 Explain the manufacturing process of viscose rayon.

Q.5 Discuss the physical & chemical properties of polyester fibres with detail.

Q.6 Discuss the production process of silk fibre alongwith their properties.

Q.7 Write short note on:

- a) Filament and its manufacturing.
- b) Textile fibre and its desirable properties.

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Roll No.

2nd Sem. / TP, TT, TEXT., Chemistry

Subject : Textile Fibres

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 fibre? Define it.
 - b) What is synthetic fibre?
 - c) What is regenerated fibre?
 - d) Write microscopeic view of cotton.
 - e) What is the origin of hemp fibre?
 - f) What is the origin of ramie fibre?
 - g) What are the uses of coir fibre?
 - h) What is morphological structure of silk. fibre?
 - i) Name any two impurities present in wool fibre.

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- j) What is the moisture regain of cotton fibre?
- k) What is filament?
- l) Write down any two properties of Jute fibre.
- m) What are the uses of hemp fibre?
- n) What are the uses of Ramie fibre?
- o) What is natural fibre?
- p) What is the use of Viscose fibre?
- q) What is the moisture regain of viscose rayon?
- r) Acetate rayon is a regenerated fibre or not?

SECTION-B

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

- Q.2
- i) Explain identification of cotton fibre by physical and chemical test.
 - ii) What is a silk reeling process? Mention its importance.

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- iii) What are the uses of synthetic fibre?
- iv) Write a note on impurities present in wool fibre.
- v) Explain regenerated fibres with detail.
- vi) Explain the grading of cotton.
- vii) Explain physical & chemical properties of silk fibre.
- viii) Differentiate between Nylon6 & Nylon66.
- ix) Draw a chart of classification of synthetic fibres with examples.
- x) Explain the primary properties of Hem fibre with examples.
- xi) Differentiate between a fibre, filament and spun yarn.
- xii) Draw longitudinal and cross section view of acetate rayon.
- xiii) What is polyamide? Draw a chart of manufacturing.
- xiv) What is acrylic fibre? Discuss manufacturing of it.

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