

- Q.31 Explain dry spinning of acrylic filament.
- Q.32 Explain the preparation process of polypropylene.

SECTION-D

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

- Q.33 Explain the spinning of acrylic filament.
- Q.34 Describe the production process for manufacturing of cuprammonium Rayon.
- Q.35 Explain the production of polypropylene fibre.
- Q.36 Describe polymerization of PET in detail?

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6th Sem. / Textile Chemistry

Subject : Man made Fibre Production

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Define Regenerated fibre?
- Q.2 DP for viscose is_____.
- Q.3 Name any 2 synthetic fibre?
- Q.4 What is DOP of nylon 66?
- Q.5 Cellulose sheets are soaked in _____for viscose rayon.
- Q.6 Full form of PP?
- Q.7 Name the solvent for cellulose diacetate.
- Q.8 Ageing is done for_____

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Q.9 DMT in polyster stands for_____.

Q.10 DP of cellulose after ripening is_____.

SECTION-B

Note:Very Short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

Q.11 Define shredding?

Q.12 What is raw materials for rayon.

Q.13 what is blending?

Q.14 What is raw material for nylon 6.

Q.15 Name monomers of nylon 6.

Q.16 What is composition of spinning bath for viscose rayon?

Q.17 What is the raw material for PET?

Q.18 Write chemical formula for acetate rayon.

Q.19 Explain ripening process in viscose rayon?

Q.20 Define cellulose unit?

Q.21 What is LOY (Low oriented yarn)?

Q.22 What is wet spinning?

SECTION-C

Note:Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

Q.23 Draw a flow diagram for manufacturing of nylon 6.

Q.24 Explain properties of acrylic fibres

Q.25 Write 2 step reaction for polymerisation of polyester..

Q.26 Difference between dry and wet spinning.

Q.27 What is cellulose? Explain.

Q.28 List out physical properties of nylon

Q.29 Explain the products made at different speeds of PET melt spinning.

Q.30 Difference between acrylic and modacrylic fibre?

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