

Q.35 Explain the production of polypropylene fibre?

Q.38 Explain the spinning of nylon 6 filament?

c) No change d) Constant

Q.5 Which of the following is a monomer of polyester?

- a) WWF b) MEG
- c) MEO d) MMM

Q.6 Viscose Rayon is _____ fiber?

- a) Cellulosic b) Protein
- c) Synthetic d) Animal

Q.7 Acetate rayon is spun by _____ Spinning technique?

- a) Wet b) Cold
- c) Hot d) Dry

Q.8 Moisture regain of Viscose rayon is _____ %?

- a) 11 b) 22
- c) 20 d) 25

Q.9 Specific gravity of polyester is _____ g/cc?

- a) 1.35 b) 1.54
- c) 1.10 d) 1.00

Q.10 Specific gravity of cotton is _____ g/cc?

- a) 1.30 b) 1.52
- c) 1.15 d) 2.00

SECTION-B

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

Q.11 What is moisture regain of nylon?

Q.12 What is Raw material for rayon?

Q.13 What is melting point of nylon 6?

Q.14 List any two techniques of polymerization?

Q.15 Write the chemical formula of acetate rayon?

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

Q.17 List the uses of lycra?

Q.18 Write two uses of cuprammonium rayon?

Q.19 Name any two spin finishes?

Q.20 Write any two uses of Polypropylene?

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

Q.21 Write a note on physical properties of lycra?

Q.22 Write a note on solution polymerisation?

Q.23 Explain the preparation process of polypropylene?

Q.24 Write five properties of viscose rayon?