Assignment zero

Due on 2020-01-27, 23:59 IST.

This deadline for submitting this assignment has passed. As per our records you have not submitted this assignment.

Choose correct option(s). More than one choice could be correct. Each question carries 2 marks.

1. Viscose and acetate fibres are both
   - [ ] Thermoplastics
   - [ ] Classified as manufactured fibres
   - [ ] Soluble in acetone
   - [ ] Made from wood pulp
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Classified as manufactured fibres
   - Made from wood pulp

2. Among acetate, viscose, nylon 6, polyesters, the textile-grade
   - [ ] Acetate has the least moisture regain
   - [ ] Viscose has the highest moisture regain
   - [ ] Nylon has the highest specific gravity
   - [ ] Viscose has the highest specific gravity
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Viscose has the highest moisture regain
   - Viscose has the highest specific gravity

3. The monomers used in the manufacture of PET are
   - [ ] Adipic acid and TPA
   - [ ] EDT and terephthalic acid
   - [ ] Ethylene glycol and terephthalic acid
   - [ ] Dimethyl terephthalate and ethylene glycol
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Ethylene glycol and terephthalic acid
   - Dimethyl terephthalate and ethylene glycol

4. Caprolactum is used in the manufacture of
   - [ ] Nylon 66
   - [ ] Nylon 6
   - [ ] Nylon 810
   - [ ] Aliphatic polyamide
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Nylon 6
   - Aliphatic polyamide

5. Textile grade polypropylene fibre is
   - [ ] Aramid
   - [ ] Ionomeric
   - [ ] Solution
   - [ ] Manufactured using Ziegler-Natta catalyst
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Ionomeric
   - Manufactured using Ziegler-Natta catalyst

6. Drawing process, in the manufacture of synthetic fibres, leads to
   - [ ] Increase in crystallinity
   - [ ] Increase in both density and orientation
   - [ ] Decrease in orientation
   - [ ] Decrease in density and increase in orientation
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Increase in crystallinity
   - Increase in both density and orientation

7. The technique that is used to measure the orientation in filaments is
   - [ ] Wide angle X-ray
   - [ ] Bragg’s method
   - [ ] Elastic modulus
   - [ ] Differential scanning calorimetry
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Wide angle X-ray
   - Elastic modulus