

Type:-MCQ

Q1. The crystalline behaviors of polymer is studied by using ---- method

1. X rays and electron diffraction method
2. TGA
3. DTA
4. DSC

Q2. For polymer characterization ----- is powerful tool.

1. FTIR spectroscopy
2. ESR spectroscopy
3. NMR spectroscopy
4. X-ray spectroscopy

Q3. In DTA method, sample is compared with -----

1. Another sample
2. Glass transition temperature
3. Polymer alloy
4. reference materials

Q4. Non crystalline polymer called as -----

1. Micelle
2. Soft polymer
3. Amorphous
4. Hard polymers

Q5 -----is a property of both solids and liquids.

1. Viscoelasticity
2. Elasticity
3. Rheology
4. Solubility

Q6 The plot of ΔT Vs temperature is called as -----

1. Thermo gram
2. Energy plot
3. Pressure plot
4. Temperature plot

Q7. Poisson's ratio refers to the ratio of-----

1. Modulus of elasticity and modulus of rigidity
2. Longitudinal strain to lateral strain
3. Engineering strain to true strain
4. Lateral strain to longitudinal strain

Q8. Which of the following factor affect the Fatigue Strength of Metal?

1. Crack initiation
2. Surface roughness
3. Cyclic stress
4. Ultimate fracture

Q9. Unit of Engineering Strain is-----

1. Dimensionless
2. N/m^2
3. N/cm
4. N/m^3

Q10. Semiconductor lasers are also known as-----

1. Laser diodes
2. Gas laser
3. Dye laser
4. Liquid laser