

Question Bank
Polymer Processing Technology
TYPPE

- 1) Explain the impacts of thermal behavior of material on processing.
- 2) Discuss Injection unit in injection moulding in detail.
- 3) Explain the clamping systems for injection moulding.
- 4) Explain the complete cycle time for injection moulding.
- 5) Draw a schematic diagram of compression molding machine.
- 6) Explain the cycle time for compression molding.
- 7) What is breathing?
- 8) Enlist different types of compression molds and explain any one.
- 9) Write the moulding cycle steps for rotational moulding.
- 10) Explain the moulding cycle of Pot type Transfer moulding process.
- 11) Name any two defects in compression moulded article with their causes and remedies.
- 12) Explain Extruder screw in detail with neat sketch.
- 13) What is die swell?
- 14) Give the role of screen pack and breaker plate.
- 15) Explain various calendar configurations with neat sketch.
- 16) Discuss Injection blow molding in detail with neat sketch.
- 17) Discuss Extrusion blow molding in detail with neat sketch.
- 18) Discuss Stretch blow molding in detail with neat sketch.
- 19) What is parison programming?
- 20) Describe hot plate welding technique for plastics.