

### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Write for applications of plastics in automobile sector, space & defence sectors each.

Q.24 Explain with neat sketch rotational molding.

Q.25 Explain injection molding machines and their types.

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### 2nd Sem. / Plastic Technology

**Subject : Introduction to Plastic Processing Techniques**

Time : 3 Hrs.

M.M. : 60

### SECTION-A

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Extrusion molding is a

- a) Batch wise process
- b) Continuous process
- c) Intermediate
- d) All of these

Q.2 Flexible pipes are made by

- a) Injection molding
- b) Compression molding
- c) Extrusion molding
- d) Blow molding

- Q.3 Generally water tanks are prepared by
- a) Rotational molding b) Injection molding  
c) Extrusion molding d) Blow molding
- Q.4 Cross linking material are
- a) UF b) PF  
c) None of these d) All of these
- Q.5 Feed the raw material into
- a) Hopper b) Barrel  
c) Screw d) None of these
- Q.6 Disposable bowls/ glass are prepared by
- a) Thermoforming  
b) Compression molding  
c) Extrusion molding  
d) Blow molding

### SECTION-B

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 What is shrinkage?  
Q.8 What is helix angle?

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- Q.9 Define core.  
Q.10 Water tanks are prepared by rotational molding. (True/False)  
Q.11 What is daylight?  
Q.12 What is clamping force.

### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Define molding cycle.  
Q.14 Explain different types of printing.  
Q.15 Differentiate between thermoplastic and Thermoset materials.  
Q.16 Give four advantages of plastics over other materials.  
Q.17 Explain blow molding.  
Q.18 Explain extrusion molding  
Q.19 Explain lamination and its types.  
Q.20 Explain screen printing for plastics.  
Q.21 Explain casting and their types.  
Q.22 Explain thermo forming and its types.

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