

Q.20 Write advantages and disadvantages of blow molding.

Q.21 Explain plastic-plastic laminates.

Q.22 Discuss pad printing operations.

### SECTION-D

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

Q.23 Write short note on

- a) Painting                      b) Coating

Q.24 Compare plastics material among woods and metals.

Q.25 Discuss lamination and their types. Explain plastic-paper laminates.

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No. of Printed Pages : 4

Roll No. ....

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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 Post processing operations are

- a) Drilling                      b) Electroplating  
c) Texturing                      d) All of these

Q.2 Molds are defined as

- a) 3-D                              b) 2-D  
c) Length to dia. Ratio      d) None of these

Q.3 Cycle time in injection molding

- a) Closing time of mold to ejection time  
b) Filling time  
c) injection time  
d) All of these

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- Q.4 Breathing is done in
- a) Injection molding
  - b) Extrusion molding
  - c) Blow molding
  - d) Compression molding

- Q.5 Function of screw is
- a) Plasticating the material
  - b) Conveying
  - c) Pumping
  - d) All of the above

- Q.6 Function of barrel is to
- a) Melt the material
  - b) Store the material
  - c) Compress the material
  - d) All of the above

### SECTION-B

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

- Q.7 Define cavity.

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- Q.8 Define die.
- Q.9 Define processing of plastics.
- Q.10 Bottles are made by blow molding. true/false
- Q.11 Define post processing operation.
- Q.12 Define cycle time.

### SECTION-C

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

- Q.13 What is significance of plastics material?
- Q.14 What are the general properties of plastics during construction?
- Q.15 Write various applications of plastics in medical field.
- Q.16 Write principle of injection molding and their product name.
- Q.17 Draw neat sketch of extrusion molding and show their parts name.
- Q.18 Explain thermoforming processing of plastics.
- Q.19 Explain flexographic printing operation.

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