

Q.20 Write advantages and disadvantages of blow molding.

Q.21 Explain plastic-plastic laminates.

Q.22 Discuss pad printing operations.

No. of Printed Pages : 4

Roll No.

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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.

Time : 3 Hrs.

M.M. : 60

2nd Sem. / Plastic Technology

Subject : Introduction to Plastic Processing Techniques

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
- Injection molding
 - Extrusion molding
 - Blow molding
 - Compression molding
- Q.5 Function of screw is
- Plasticating the material
 - Conveying
 - Pumping
 - All of the above
- Q.6 Function of barrel is to
- Melt the material
 - Store the material
 - Compress the material
 - All of the above

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

- 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. $(8 \times 4 = 32)$

- 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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