

SECTION-D

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

Q.23 Discuss post processing operations and write coating of plastics.

Q.24 Write short notes on

- a) Reaction injection molding
- b) Transfer molding

Q.25 Explain lamination and types discuss any one of them.

No. of Printed Pages : 4

Roll No.

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2nd Year / 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 Function of hopper is to

- a) Feed the raw material
- b) melted material
- c) Both A&B
- d) None of these

Q.2 Chairs are made by

- a) Extrusion molding
- b) Injection molding
- c) Rotational molding
- d) None of these

Q.3 Parison is form of

- a) Melted hollow tube
- b) Solid hollow tube
- c) Both ends are entrapped
- d) None of these

Q.4 Pipes and cisterns are made by
a) Extrusion molding b) Injection molding
c) Compression molding d) None of these

Q.5 Function of screen pack is
a) To filter contamination
b) Developing back pressure
c) Arrest unmelted particle
d) None of these

Q.6 Function of Tie bar
a) Support of injection unit
b) Support of nozzle
c) Support of clamping unit
d) None of these

SECTION-B

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

- Q.7 Define plastics
Q.8 Define processing.
Q.9 Write injection molded product.
Q.10 Define core.

Q.11 Define mold.
Q.12 Define casting.

SECTION-C

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

- Q.13 Differentiate between plastics and metals.
Q.14 Write application of plastics material in various field.
Q.15 Draw neat sketch of injection molding machine and show their parts name.
Q.16 Write principle of extrusion molding.
Q.17 Explain rotogravure printing operation.
Q.18 Advantages and demerits of compression molding.
Q.19 Explain blow molding with neat sketch.
Q.20 Write casting for thermosetting materials.
Q.21 What are the general properties of plastics ?
Q.22 Write principle of pad printing with neat sketch.