

### SECTION-D

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

- Q.23 Define thermoforming and its types with example & neat diagram.
- Q.24 Define extrusion and write all details of cast film with diagram.
- Q.25 Write preliminary ideas with advantages and limitation of compression moulding.

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### Sem. 2nd/ Plastic Technology Sub. : 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 In the below option what is the material of the lamination used in plastic.
- a) Phenolic                      b) Epoxy  
c) Melamine                      d) All of above
- Q.2 Tick the one of the best property of the plastic.
- a) Toughness                      b) Durable  
c) Ductile                          d) None of them
- Q.3 Name of the material used in Pipe & Plumbing.
- a) PC                                  b) PET  
c) ABS                                d) LDPE

Q.4 Give the material for manufacturing of housing for electronic device.

- a) Nylon                                      b) PS
- c) PP    d) HDP

Q.5 Write the name of process by which pipes are making.

- a) Thermoforming                      b) Extrusion
- c) Blow Moulding                      d) Rotational Moulding

Q.6 What is the Re-Cycle number of HDPE.

- a) 1    b) 2
- c) 3    d) 4

**SECTION-B**

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

- Q.7 Write two application of plastic in medical.
- Q.8 Give two example of making the product from rotational moulding.
- Q.9 Write name of two terminology used in compression moulding.
- Q.10 What is drying.

Q.11 Write two example of thermoforming.

Q.12 Write two example of plastic-plastic laminates.

**SECTION-C**

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

- Q.13 Write the application of plastic in defence sector.
- Q.14 Define Injection Moulding and write any four terminology used in injection moulding.
- Q.15 Difference between compression moulding and transfer moulding.
- Q.16 Write a short note on flexographic printing.
- Q.17 Write advantage of plastic material as compared to other material.
- Q.18 What is casting, explain its types.
- Q.19 How you define pre-condition of polymers.
- Q.20 Write a concept of reusability.
- Q.21 Explain blow film with its practical example.
- Q.22 Difference between screen printing and pad printing.