

SECTION-D

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

- Q.23 Define lamination explain in detail plastic-paper lamination.

Q.24 Define any six terminology used in Injection moulding.

Q.25 Explain with diagram and working of rotational moulding.

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2nd Sem. / Plastic Technology

**Subject : Introduction to Plastic Processing Techniques
(IPPT)**

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 What is the name of Plastic whose Re-cycle number is 4.

a) PP b) PS

c) LDPE d) HDPE

Q.2 Name of the process by which we making plastic bottles.

a) Extrusion process b) Blow Moulding

c) Rotational Moulding d) Thermoforming

Q.3 Give the name of material by which satellite components made.

- a) HDPE b) PC
- c) PTFE & PEEK d) All of them

Q.4 Write the name of material success used in surgical instrument.

- a) Nylon b) Rubber
- c) HDPE d) PS.

Q.5 Choose the below option one of the plastic property.

- a) Insulating b) Durable
- c) Low Melting Point d) All of them

Q.6 Gas valves and electronic circuits are the example of which type of moulding.

- a) Transfer b) Compression
- c) Reaction Injection d) Foam

SECTION-B

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

Q.7 Write two application of plastic in sports.

Q.8 Write two advantage of plastic as compare to wood.

Q.9 Write name of two terminology used in injection moulding.

Q.10 What is screen printing.

Q.11 Write two example of rotational moulding.

Q.12 Write two example of plastic-paper 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 building and construction.

Q.14 Write the Introduction to Blow Moulding.

Q.15 Difference between reaction injection moulding and transfer moulding.

Q.16 Write a short note on rotogravure printing.

Q.17 Write advantage of plastic material as compared to ceramics material.

Q.18 Write the concept of drying of polymers.

Q.19 How you define pre-condition of polymers.

Q.20 Explain transfer moulding with its basic principle.

Q.21 How plastic used in agricultural field.

Q.22 Write the basic concept of plastic-metal laminates.