

Q.22 Write any four applications of plastics metal laminates.

### SECTION-D

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

Q.23 Give applications of plastics in household and sports industry. Write any four for each industry.

Q.24 Give four advantages of making products with plastics materials in place of metals.

Q.25 Give two products made by each of following techniques.

- a) Compression moulding
- b) Roto moulding
- c) Blow moulding
- d) Thermoforming

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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 The electrical wire is usually coated with

- a) Paper
- b) Plastics
- c) Wood
- d) Ceramics

Q.2 The thickness of plastics film is \_\_\_\_\_ than plastics sheet.

- a) More
- b) Less
- c) Equal
- d) None of above

Q.3 Thermoset Plastics materials are most commonly processed using

- a) Injection Moulding Process
- b) Compression Moulding Process
- c) Extrusion Process
- d) Blow Moulding Process

(40)

(4)

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(1)

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Q.4 The density of plastics materials is \_\_\_\_\_ than metals.

- a) More                                      b) Less
- c) Equal                                      d) None of above

Q.5 Which of the following product is laminate

- a) Water Glass                                      b) Wafer Packet
- c) Plastics Plate                                      d) Plastics Spoon

Q.6 Printing is

- a) Pre Processing Technique
- b) Post processing technique
- c) In mould process
- d) Both b & c

### SECTION-B

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

Q.7 Why plastics materials are dried before processing.

Q.8 Blow moulding technique produces hollow products. (T/F)

Q.9 Thermoplastic plastics materials are normally processed using Injection moulding Technique. (T/F)

Q.10 Both pipe and tube are made by using extrusion process. (T/F)

Q.11 Write two car parts, made using plastics materials.

Q.12 Plastics can be moulded in many shapes. (T/F)

### SECTION-C

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

Q.13 Write four applications of plastics in electrical Engineering.

Q.14 Write two advantages of printing in plastics product.

Q.15 Write two products made using Extrusion process.

Q.16 Write any four products made by injection moulding technique.

Q.17 Define plastics laminates. Give any two type of plastics laminates.

Q.18 Write any four applications of plastics laminates.

Q.19 Write any two applications where plastics have replaced wood as material.

Q.20 Write four general properties of plastics materials.

Q.21 Define Casting process with plastics. Give two applications.