

SECTION-D

Note: Long answer type questions. Attempt any three questions. (3x10=30)

Q.33 Explain basic principles of injection moulding and discuss in detail with construction.

Q.34 Explain drying of plastic raw materials before processing.

Q.35 Write a short note on:- (5x2=10)

(a) High speed mixer

(b) Two roll mill

Q.36 Explain printing with pad printing machines.

No. of Printed Pages : 4

Roll No.

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4th Sem. / Chemical Engg. (sp). Polymer Engg.

Subject : POLYMER PROCESSING TECHNIQUES-I

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory. (10x1=10)

Q.1 Define mould

Q.2 Define drying.

Q.3 Define polymer.

Q.4 Define screen.

Q.5 Define painting.

Q.6 What is mixer.

Q.7 State melt flow.

Q.8 Define preheating

(40)

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Q.9 Define printing.

Q.10 Define past processing.

SECTION-B

Note: Very Short answer type questions. Attempt any ten questions. (10x2=20)

Q.11 What is kneader.

Q.12 Name any two mixer.

Q.13 Define compression.

Q.14 Name two raw material for plastic.

Q.15 Name two polymer industry.

Q.16 Define stamping.

Q.17 Name two flow process.

Q.18 Name two mould process.

Q.19 Name two printing technique.

Q.20 State electroplating

Q.21 What is engraving.

Q.22 Define extrusion.

SECTION-C

Note: Short answer type questions. Attempt any eight questions. 8x5=40

Q.23 Explain melt flow process.

Q.24 Explain Banbury mixer.

Q.25 Explain blow molding.

Q.26 Explain Rotational molding.

Q.27 Explain injection molding.

Q.28 Explain flexographic printing.

Q.29 Explain electroplating.

Q.30 Explain engraving.

Q.31 Explain metallisation.

Q.32 Explain hot stamping.

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