

Total No. of Questions : 4]

SEAT No. :

P-5208

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[6188]-161

B.E. (Mechanical) (Insem.)

PRODUCT DESIGN AND DEVELOPMENT

(2019 Pattern) (Semester - VII) (Elective - IV) (402045 A)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) Answer Q.1 or Q.2, Q.3 or Q.4.
- 2) Figures to the right indicate full marks.
- 3) Neat diagrams must be drawn whenever necessary.
- 4) Assume suitable data, if necessary.

Q1) a) List down and explain essential factors for product design. [8]

b) What is CFT Approach and give their advantages? [7]

OR

Q2) a) Explain Morphology of product design or Phases of Product design. [8]

b) Specify Reasons for new product failure. [7]

Q3) a) Explain Technology forecasting. [8]

b) Explain Customer need model. [7]

OR

Q4) a) Explain Quality Function Deployment. [8]

b) Explain Market Segmentation. [7]

