Reg. No. 2 MAY 2023

Question Paper Code

11832

B.E. / B.Tech. - DEGREE EXAMINATIONS, APRIL / MAY 2023

Sixth Semester

Production Engineering PR8072 - NEW PRODUCT DEVELOPMENT

(Regulations 2017)

Duration: 3 Hours

Max. Marks: 100

$PART - A (10 \times 2 = 20 Marks)$

Answer ALL Questions

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14. a) Explain the decision making theory and utility theory in detail with 13,K2,CO4 examples.

OR

- 13,K2,CO4 Explain the concept evaluation process in detail with an example.
- 15. Enumerate the Steps involved in design for environment in 13,K2,CO5 manufacturing a product.

b) Explain the process of developing the product architecture with an 13,K2,CO5 example.

PART - C $(1 \times 15 = 15 \text{ Marks})$

Explain general steps in estimating the cost of a manufactured product. 15,K2,CO6 16. OR

b) Summarize various categories of cost in detail. 15,K2,CO6