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Question Paper Code: U2104

M.E. DEGREE EXAMINATION, NOV 2024

Second Semester

CAD / CAM

21PCD204 –PRODUCT DESIGN AND LIFE CYCLE MANAGEMENT

(Regulations 2021)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART - A (5 x 20 = 100 Marks)

1. (a) Briefly explain about the promoting customer understanding.. CO1- U (20)
Or
(b) Briefly explain about the strategic importance of product development. CO1- U (20)
2. (a) Briefly explain about the problem clarification and search internally. CO2-U (20)
Or
(b) Explain in detail about concept testing. CO2- U (20)
3. (a) Briefly explain about Fundamental interaction , incidental interaction and secondary systems in detail with examples. CO3- U (20)
Or
(b) Briefly explain about the slot modular architecture, bus modular architecture, section modular architecture CO3-U (20)
4. (a) Explain in detail about the customer needs. CO4- U (20)
Or
(b) Explain in detail about the Technology driven and user driven products. CO4- U (20)
5. (a) Explain in detail about economic scale for part process. CO5- U (20)
Or
(b) Explain Basic Principles used in prototype design. CO5- U (20)

