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Question Paper Code: 52P03

M.E. DEGREE EXAMINATION, APRIL 2019

Second Semester

Power Electronics and Drives

15PCD203 – INTEGRATED PRODUCT DESIGN AND PROCESS DEVELOPMENT
(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART - A (5 x 20 = 100 Marks)

1. (a) Briefly explain the product design and development process. CO1- U (20)
Or
(b) Briefly explain the concurrent development. CO1- U (20)
 2. (a) Briefly explain the problem clarification and search externally. CO2- U (20)
Or
(b) How the product changes implemented and standardization in concept selection. CO2- U (20)
 3. (a) How the product will be created and clustered in architecture. CO3- U (20)
Or
(b) How the design issues make an impact in related system in product architecture. CO3- U (20)
 4. (a) Explain detail about of customer needs. CO4- U (20)
Or
(b) Explain Technology driven and user driven products. CO4- U (20)
 5. (a) Briefly explain the component cost and assembly. CO5-U (20)
Or
(b) Explain detail about prototype methods. CO5-U (20)
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