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**Question Paper Code: 95P19**

M.E. DEGREE EXAMINATION, APRIL 2024

Elective

CAD / CAM

19PCD521 – INTEGRATED PRODUCT DESIGN AND PROCESS DEVELOPMENT

(Regulation 2019)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART - A (5 x 20 = 100 Marks)

1. (a) Briefly explain the competitor and customer in IPPD. CO1- U (20)  
Or  
(b) Briefly explain the elements of product strategy. CO1- U (20)
2. (a) Briefly explain the problem clarification and search internally. CO2-U (20)  
Or  
(b) Briefly explain the feedback of constructive process with examples. CO2- U (20)
3. (a) Briefly explain Fundamental interaction , incidental interaction and secondary systems in detail with examples. 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) Explain detail about economic scale for part process. CO5- U (20)  
Or  
(b) Explain briefly about accelerating the project and project execution. CO5- U (20)

