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Question Paper Code: 52P01

M.E. DEGREE EXAMINATION, MAY 2018

Second Semester

CAD / CAM

15PCD201 - DESIGN FOR MANUFACTURE, ASSEMBLY AND ENVIRONMENTS

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART - A (5 x 20 = 100 Marks)

1. (a) Briefly explain about DFM. CO1- U (20)
Or
(b) Briefly explain about Process capability. CO1- U (20)
2. (a) Explain in detail about the material selection. CO2- U (20)
Or
(b) Explain in detail about the pugh selection process. CO2- U (20)
3. (a) Explain in detail about the design for accessibility. CO3-App (20)
Or
(b) Explain in detail about the reduction of machined area. CO3-App (20)
4. (a) Explain casting pattern ,mould and parting line. CO4- U (20)
Or
(b) Explain and design the obviate sand cores. CO4- U (20)

5. (a) Explain detail about the weighted sum assessment method. CO5- U (20)

Or

(b) Explain in detail about the Regulation and standards. CO5- U (20)
