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Question Paper Code: 52132

M.E.DEGREE EXAMINATION, NOV 2016

Third Semester

CAD / CAM

15PCD302 – ADDITIVE MANUFACTURING

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

(5 x 20 = 100 Marks)

1. (a) Classify and explain the AM process. (20)
Or
(b) Explain the 3D printing technology. (20)
 2. (a) What are the steps involved in model slicing? (20)
Or
(b) Explain in detail data processing for RP. (20)
 3. (a) What are the part building and post building process involved in SLA? (20)
Or
(b) Brief about strength, Weakness and applications of LOM. (20)
 4. (a) What are the processing techniques used in LENS? (20)
Or
(b) Mention the post processing techniques of direct SLS. (20)
 5. (a) Explain the working principle of SDM. (20)
Or
(b) Brief the post processing in EBM. (20)
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