



M.Tech I Semester Regular & Supplementary Examinations January/February 2019

**COMPUTER AIDED PROCESS PLANNING**

(CAD/CAM)

(For students admitted in 2017 & 2018 only)

Time: 3 hours

Max. Marks: 60

Answer all the questions

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- 1 Describe the conventional process planning versus CAPP.

**OR**

- 2 Compare automated process planning system with conventional process planning.

- 3 Write down the selection of manufacturing sequence.

**OR**

- 4 Describe explain the information flow in a retrieval-type CAPP system.

- 5 Explain the advantages of mathematical approach over conventional approach.

**OR**

- 6 Explain the advantages of integrated approach over sequential approach.

- 7 With the aid of a neat diagram, explain the structure of a post processor in a NC system.

**OR**

- 8 Discuss the process of manual process planning taking a suitable example.

- 9 Explain the computer integrated planning system and capacity planning system.

**OR**

- 10 Briefly explain any three types of geometry commands used in APT.

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