

Code: MEMD2T6C

I M.Tech - II Semester - Regular Examinations – AUGUST 2016

**CONCURRENT ENGINEERING
(MACHINE DESIGN)**

Duration: 3 hours

Max. Marks: 70

Answer any FIVE questions. All questions carry equal marks

1. With the help of an example explain the implementation of integrated product development. 14 M
2. Explain in detail about CE tool box collaborative product development. 14 M
3. Explain the modeling of concurrent engineering design. 14 M
4. Explain about the importance of CE in optimal Structural design. 14 M
5. Write brief note on qualitative physical approach of concurrent engineering. 14 M
6. Discuss in detail about computer based assembly planning. 14 M

7. Explain about evaluation design for manufacturing cost. 14 M
8. Discuss about decomposition in concurrent design. 14 M