



Code No. : 6393/N

FACULTY OF ENGINEERING

B.E. 4/4 (M/P) I Semester (New) (Suppl.) Examination, June/July 2010

TOOL DESIGN

Time : 3 Hours]

[Max. Marks : 75

Note : Answer all questions from Part A. Answer any five questions from Part B.

PART – A

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1. List out the factors upon which the selection of a tool-material depends.
2. Name any two latest cutting tool material and their approximate composition.
3. What is the principle of operation of EDM ?
4. Discuss in brief the important elements of a drill that are to be taken care of while designing a drill.
5. Why is it important that the diameter of a face milling cutter be wider than the workpiece ?
6. Differentiate a jig and a fixture.
7. What is meant by press tannage ?
8. Differentiate between honing and lapping.
9. What is a broach ? How are they classified ?
10. How are reamers classified ?

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