

MODEL PAPER
D.M.E. – I YEAR END EXAMINATION
BASIC MANUFACTURING PROCESSES (M-106)

Time : 3 Hours

Total Marks: 80

PART – A

Answer all questions

10 X3=30

1. List out different holding devices used in carpentry
2. Sketch the jack plane and label the parts.
3. List out various hand hammers used in fitting section. How do you specify them?
4. Sketch the file and label the parts used in fitting section.
5. Write the difference between flattening and fullering.
6. What is hem? write different types of hems.
7. Classify various drilling machines
8. State the function of jig.
9. What is hot working? Give three examples of hot working processes
10. Distinguish between blanking and punching?

PART – B

Answer any five questions

5 X 8=40 marks

11. List out various carpentry joints. Explain any one of them
12. Describe the working of wood turning lathe
13. Explain different types of fitting operations
14. Explain the working of board drop power hammer with a neat sketch
15. Explain any five sheet metal operations with neat sketches
16. Describe Radial drilling machine with a neat sketch

17. Describe Open front jig boring machine with a neat sketch.
18. Describe working of various hot rolling mills