

23/5/13

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B.E/B.Tech DEGREE EXAMINATIONS, APRIL/MAY 2013

Manufacturing engineering (Regulation 2008)

Fourth semester

MF 9251 MANUFACTURING PROCESSES –II

20

Max marks:100

Duration:3 Hrs

Answer ALL questions

PART-A (10 X 2 = 20 MARKS)

1. What do you meant by core print?
2. What is the ideal profile of a sprue? Explain how it is actually practiced.
3. What is ironing?
4. What is spring back? How is it recovered?
5. List out the functions of the flux coating of welding electrodes.
6. How is the seam welding is an application of spot welding?
7. How do you group the fiber on the basis of diameter and character
8. What is polymerization?
9. Why vacuum is needed in EBM?
10. What do you understand from "self adjusting nature of ECM"?

PART-B (5 X 16 = 80 Marks)

11. i) List and discuss various parameters of ultrasonic Machining. (8)
- ii) Describe the features of Laser beam Equipment. (8)