

# CBSE Question Paper - 2010

## FABRICATION TECHNOLOGY - II

(Theory)

Class – XII

Time allowed: 3 hours

Maximum Marks: 40

**Note:** Attempt all question. Draw neat pencil sketch, wherever necessary.

1. (a) Compare a planner with a slotter from the point of view of metal cutting. 2
- (b) What types of operations can be performed on a milling machine? 3
- (c) What are the advantages of using cutting fluids during machining? 3
- (d) How is the size of a lathe specified? 2
2. (a) What is valve? Name four types of valves and give their uses. 3
- (b) Name any six types of materials, used for pipes, giving their uses. 3
- (c) Draw steel pipe connections, using elbow – joints. 2
3. How do you express roughness of a surface? Explain any one instrument to measure it 3

4. (a) What is the difference between galvanizing and anodizing? 3
- (b) What is the difference between metallic and non – metallic coatings? 3
- (c) Explain the process of electroplating. 2
5. (a) How is a paint prepared? 3
- (b) A wooden door is to be varnished afresh:
- (i) Give step by step procedure to prepare the surface and varnish it Afresh. Explain the method of preparing the varnish. 6
- (ii) Give a list of consumables and equipment needed for this Operation. 2