

MP- JUNE 2010 - 1

Roll No.

Total No. of Pages : 2

BT-2/JX

8269

Manufacturing Processes

Paper : ME-103E

Time : Three Hours]

[Maximum Marks : 100

Note :- Attempt any FIVE questions, selecting at least ONE question from each Unit.

UNIT-I

1. Write brief notes on :

(a) Classification of manufacturing processes

(b) Industrial safety. 10,10

2. Discuss important properties and applications of medium carbon steel, high speed steel and wrought iron. 20

UNIT-II

3. Describe various types of patterns. Discuss pattern materials and pattern allowances. 20

4. Discuss various casting defects and remedies. Also describe the working of cupola. 20

UNIT-III

5. Write briefly on :

(a) Piercing

(b) Punching and blanking. 10,10

6. Describe the working of product layout and fixed point layout. 20

8269

Contd.

MP- JUNE 2010 - 2

UNIT-IV

7. Discuss various types of chips and describe their formation. 20

8. Discuss briefly :

(a) TIG and MIG welding

(b) Soldering and brazing. 10,10

8269

7800