

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech.(ME) (2011 Onwards) (Sem.-7,8)
INDUSTRIAL ENGINEERING AND MANAGEMENT
Subject Code : BTME-801

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt ANY FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt ANY TWO questions.

SECTION-A

Q1. Answer briefly:

- a) What are the chief functions of Industrial Engineering department? List them.
- b) What is the difference between MC-Gregor's Theory X and Theory Y?
- c) What do you mean by Hierarchy of human needs?
- d) What is purpose of designing organizational structure?
- e) What are the various dimensions of planning function?
- (f) What is the principle of Group Technology?
- (g) What advantage is obtained by Method study?
- (h) What is the purpose of work sampling?
- (i) What is intrinsic value of a product?
- (j) How does product layout differ from process layout?

SECTION-B

- Q2. Explain the qualities of an Industrial Engineer.
- Q3. Discuss all the relevant factors in Taylor's Scientific Management.
- Q4. Discuss the factors affecting plant location.
- Q5. What are the methods of recording of data? Explain.
- Q6. Discuss the elements of Decision support systems.

SECTION-C

- Q7. What is the contribution of Taylor in managing an enterprise? What are the further evolutions in the theory given by him?
- Q8. Compare and contrast among product, process and combination layouts. Elucidate your answer with relevant example from industry.
- Q9. What is the role of questioning technique in work analysis? What is the eventual outcome of this task?

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.