

IV Semester B.B.M. Examination, June 2009

(Semester Scheme)

**BUSINESS MANAGEMENT**

**Paper – 4.5: Production and Operations Management**

Time : 3 Hours

Max. Marks : 90

*Instruction : All the answers should be in English only.*

**SECTION – A**

Answer **any ten** sub-questions. Each sub-question carries **two** marks. (10×2=20 )

- a) What is industrial safety ?
- b) Give any two merits of production management.
- c) What is liquid waste ?
- d) State any two objectives of materials management.
- e) State the difference between ventilation and air-conditioning.
- f) Mention five P's of production.
- g) Define EOQ.
- h) What is job rotation ?
- i) Define plant lay-out.
- j) Give the meaning of operational planning.
- k) State the meaning of 'Quality creation'.
- l) What is time study ?



## SECTION - B

Answer **any five** of the following questions. **Each** question carries **five** marks : (5×

2. Briefly explain the sources of lighting.
3. What are the usual errors made in plant location selection ?
4. What is industrial accidents ? Discuss the different types of accidents.
5. What is job design ? State its objectives.
6. Explain the various quality control techniques.
7. Explain briefly the functions of production planning and control in industry.
8. Give the differences between automation and mechanisation.
9. Explain the objectives of Air-conditioning.

## SECTION - C

Answer **any three** of the following questions. **Each** question carries **fifteen** marks (3×15)

10. What are the objectives of purchase department ? Explain briefly the purchase procedure.
11. What are the factors to be considered for planning the lay-out of a new factory ?
12. What is waste management ? Explain the importance of waste management.
13. What are the advantages and disadvantages of different types of site location ?
14. What is power supply ? What alternative power supplies are available to an industrial unit ?
15. What provisions of Indian Factories Act of 1948 apply to Industrial sanitation ? Explain each point clearly.