

BE (Seventh Semester)
Mechatronics Engineering
Industrial Engineering - 367734(67)
2015 - Winter Session , New Scheme

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Chapter 1

- 1 Define the term Industrial Engineering as per ASIE. **2**
- 2 How is Industrial Engineering related to other disciplines of Management? **7**
- 3 What are the advantages and disadvantages of locating a factory in "Industrial Districts"? **7**
- 4 Write in detail objectives and principles of plant layout. **7**

Chapter 2

- 1 Define the term "Work Study". **2**
- 2 Construct a man-machine chart and describe its utility. Assume the time and activities as per your choice. **7**
- 3 Write down the principles of motion economy and briefly explain them. **7**
- 4 How will you calculate standard time of a given job? **7**

Chapter 3

- 1 Define the term "Merit Rating". **2**
- 2 What is the purpose of "Job rotation"? How is it beneficial to industry & employee? **7**

- 3 What are the characteristic of a good wage plan. **7**
- 4 Explain with suitable example "Taylor's differential piece rate" system of wage payment & write its characteristics. **7**

Chapter 4

- 1 Write a note on Information System. **CSVТУonline.com** **2**
- 2 Information Technology has revolutionalized the entire world. Comment on the statement. **7**
- 3 What is the role of Information Technology in today's global scenario? **7**
- 4 Write down main features of Business Process Reengineering. **7**

Chapter 5 **CSVТУonline.com**

- 1 What is the significance of Maintenance? **2**
- 2 What is meant by Predictive Maintenance? How is it carried out? **7**
- 3 What are the various reasons of replacement of machines? **7**
- 4 Write a note on value engineering and value analysis. **7**