Seat
No.

# B.E. (Mechanical) (Semester - VIII) Examination, April - 2016
# ENTERPRISE RESOURCE PLANNING (Elective - IV)

## Sub. Code : 49424

Day and Date : Tuesday, 26 - 04 - 2016

Time : 03.00 p.m. to 06.00 p.m.

Total Marks : 100

Instructions : 1) Solve any Six questions.
2) Figures to the right indicate full marks.

*Q1)* a) Define ERP. Discuss in brief the various reasons for growth in ERP market. [8]

b) Discuss in brief how the business integration is achieved by ERP system. [8]

*Q2)* a) Discuss in brief the advantages and limitations of BPR. [8]

b) What is DSS (Decision Support System)? How it is evolved? Discuss in brief the characteristics of DSS. [8]

*Q3)* a) Discuss in brief the significance of MRP in modern manufacturing. Discuss closed loop MRP. [8]

b) What is JIT (Just In Time)? Discuss in brief the applicability of JIT philosophy in modern manufacturing. [10]

*Q4)* a) What are the various modules of ERP? Discuss in brief the Quality management module. [8]

b) Explain the functioning of ERP for reduction in lead time. [8]

*Q5)* a) Discuss in brief various tangible and intangible benefits of ERP system.[8]

b) What are the various activities involved in maintenance management? Discuss in brief how they are incorporated in ERP? [8]

*Q6)* a) What are the various phases in ERP implementation? Discuss in brief the package evaluation phase. [8]

b) Discuss in brief the purpose and significance of Gap Analysis in ERP implementation life cycle. [8]

*Q7)* a) Discuss in brief the ERP market potential in India as compared to international level. [8]

b) Discuss in brief the ERP package implementation case study for PEOPLESOFT ERP package giving brief account of product & technology and system features. [8]

*Q8)* Write short notes on (Any THREE) [18]

a) MIS (Management Information System)

b) Causes of ERP failures

c) SCM (Supply Chain Management)

d) End user training in ERP

e) DRP (Distribution requirement Planning)

ॐॐॐ