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13MCA455

Fourth Semester MCA Degree Examination, June/July 2016
Enterprise Resource Planning

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions.

- 1 a. Define ERP. Explain Benefits of ERP. (05 Marks)
b. Explain ERP and Related Technology with an example. (08 Marks)
c. What is Business process Reengineering? Explain the different phases of an BPR. (07 Marks)
- 2 a. What is OLAP? Explain uses and key features of OLAP with an example. (10 Marks)
b. What do you mean by supply chain management? How does SCM help to share data and GUT instincts with Business partners? What are the advantages of SCM? (10 Marks)
- 3 a. Explain the various phases in ERP implementation life cycle. Illustrate with examples. (10 Marks)
b. With necessary diagram, explain the ERP implementation methodology. Also Discuss the major phases of the ERP implementation methodology. (10 Marks)
- 4 a. What are the sub systems of Finance module of an ERP package? Explain the function of each of these sub system in detail. (10 Marks)
b. What are the various subsystem of the Human Resource module? Explain each sub system in detail. (10 Marks)
- 5 a. List and explain subsystems of the plant maintenance module. (07 Marks)
b. What are the main objectives of the material management module? (07 Marks)
c. Explain the following functions in quality management module.
i) Computes Aided Quality Management (CAQ)
ii) Compute Integrated Quality Management (CIQ) (06 Marks)
- 6 a. Discuss in detail the marketplace dynamics of on-premise ERP and on-demand ERP with suitable example. (10 Marks)
b. Define ERP market. Explain the characteristic of tier I ERP, tier II ERP and tier III ERP with an example. (10 Marks)
- 7 a. Discuss the limitations of ERP system. What are the implementation requirements of integrating BA as the front end to an ERP system? (10 Marks)
b. What is Enterprise application Integration? Explain the uses and implementation pitfalls of EAI in detail. (10 Marks)
- 8 a. Explain mobile ERP application in detail. (05 Marks)
b. Explain the following.
i) Social collaboration
ii) ERP Revenues
iii) ERP – II (15 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.