USN ☐☐☐☐☐☐☐☐☐☐

Fourth Semester MCA Degree Examination, Dec.2016/Jan.2017
Enterprise Resource Planning

Time: 3 hrs.   Max. Marks:100

Note: *Answer any FIVE full questions.*

1   a. What is ERP? Explain the benefits of ERP.   **(10 Marks)**
    b. Explain in detail the different phases of BPR. (Business Process Reengineering).   **(10 Marks)**

2   a. What is data in the data warehouse? Explain the data warehousing architecture with a neat diagram.   **(10 Marks)**
    b. What are the different styles of OLAP? Discuss in detail and mention the uses of OLAP.   **(10 Marks)**

3   a. Explain the different phases of ERP implementation with a neat diagram.   **(10 Marks)**
    b. Explain the different ERP implementation methodologies by vendors and consulting firms.   **(10 Marks)**

4   a. Explain the different knowledge areas in ERP project management.   **(10 Marks)**
    b. Discuss the various major subsystems of manufacturing module.   **(10 Marks)**

5   a. Explain the main sub-modules of materials management module.   **(10 Marks)**
    b. Explain the various sub-systems of sales and distribution module.   **(10 Marks)**

6   a. Discuss in detail about SAPAG business applications and solutions.   **(06 Marks)**
    b. Explain the ERP market tiers.   **(06 Marks)**
    c. Explain the power of ERP using Business Analytics.   **(08 Marks)**

7   a. What is Enterprise application integration (EAI)? Explain the implementation pitfalls and its uses.   **(10 Marks)**
    b. Explain the future directions in ERP and trends.   **(10 Marks)**

8   Write short notes on :
    a. Hidden costs
    b. Data mining
    c. Plant maintenance
    d. ERP and internet.   **(20 Marks)**

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