

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(END SEMESTER EXAMINATION)**

**CLASS: MCA  
BRANCH: MCA**

**SEMESTER : V  
SESSION : MO/18**

**SUBJECT: MCA7105 ENTERPRISE RESOURCE PLANNING**

**TIME: 3 HOURS**

**FULL MARKS: 60**

**INSTRUCTIONS:**

1. The question paper contains 7 questions each of 12 marks and total 84 marks.
  2. Candidates may attempt any 5 questions maximum of 60 marks.
  3. The missing data, if any, may be assumed suitably.
  4. Before attempting the question paper, be sure that you have got the correct question paper.
  5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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- Q.1(a) What is ERP? How do ERP systems help enterprises to function more efficiently? [6]  
Q.1(b) Give reasons why do many ERP implementation fail. [6]
- Q.2(a) What is business modeling? Explain an integrated data model. [6]  
Q.2(b) What are integrated information systems? Explain the need of integrated management of information with examples. [6]
- Q.3 What is Business process reengineering (BPR)? Explain various steps involved in BPR. [12]
- Q.4(a) Discuss the concept of Bill of materials. [6]  
Q.4(b) What is product data management (PDM)? What are its Benefits? [6]
- Q.5(a) Discuss the benefits of ERP system. How does an ERP system facilitate better decision making? [6]  
Q.5(b) What are the major functions of finance module? [6]
- Q.6(a) How does ERP implementation life cycle is different from SDLC of software development? Which is the most crucial phase in ERP implementation and why? [6]  
Q.6(b) Identify various factors that make SAP R/3 a leader in the ERP market. [6]
- Q.7(a) What is the role of vendors and consultants with respect to ERP implementations? [6]  
Q.7(b) Discuss the future direction in the growth of ERP market globally. [6]

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