

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

**CLASS: MBA  
BRANCH: MANAGEMENT**

**SEMESTER : III  
SESSION : MO/2025**

**SUBJECT: MT540R1 ENTERPRISE RESOURCE PLANNING**

**TIME: 3 Hours**

**FULL MARKS: 50**

**INSTRUCTIONS:**

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
  2. Attempt all questions.
  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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		CO	BL
Q.1(a)	Explain the major reasons for the growth of ERP and how these reasons relate to the evolution of enterprise systems.	[5] 1	2
Q.1(b)	Discuss the benefits and risks of ERP and outline a roadmap for successful ERP implementation.	[5] 1	3
Q.2(a)	Describe the relationship between ERP and Business Process Reengineering (BPR) and explain how BPR supports ERP adoption.	[5] 2	2
Q.2(b)	Discuss how Data Mining, and Online Analytical Processing (OLAP) enhance decision-making in ERP systems.	[5] 2	3
Q.3(a)	Explain the objectives of ERP implementation and describe the key phases of the ERP implementation life cycle.	[5] 3	2
Q.3(b)	Identify implementation challenges and post-implementation activities that influence the success or failure factors of ERP projects.	[5] 3	3
Q.4(a)	Compare in-house implementation with vendor-based implementation, highlighting their pros and cons.	[5] 4	2
Q.4(b)	Discuss the process and importance of vendor evaluation and contracting in ERP projects and suggest ways to manage employee resistance.	[5] 4	3
Q.5(a)	Explain the role of Enterprise Application Integration (EAI) and ERP and e-Business linkages in modern enterprises.	[5] 5	2
Q.5(b)	Discuss the emerging trends in ERP such as Open Source ERP, Web-enabled ERP, Wireless Technologies, and ERP-II.	[5] 5	3

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