JG UNIVERSITY
EXCELLENCE BY CHOICE

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SCHOOL OF COMPUTING
UNIVERSITY EXAMINATION
BCA/BCA(H)/iMCA SEMESTER – IV

Subject Name : Enterprise Resource Planning   Total Marks: 50
Date: DD/MM /2025   Subject Code: BCA230407
Day: Duration: 2 Hours

Instructions:
1. **All questions are compulsory.**
2. **Make necessary assumptions, workings and calculations wherever asked/required.**
3. **Figures to the right indicate total marks towards each question.**

Q.1	Answer the following questions: (ALL COMPULSORY)	(10)	Marks Evolution
1.	ERP evolved from which of the following systems? A. MIS **B. CRM** C. MRP D. HRMS		Each MCQ 1 mark and right answer is highlighted
2.	Why do organizations need ERP systems? A. To reduce the number of employees B. To decentralize business data **C. To integrate business processes and enhance efficiency** D. To create more paperwork		
3.	Which of these is a benefit of automation through ERP? A. Higher paperwork B. Slower operations **C. Reduced data redundancy** D. Decreased data visibility		
4.	Which of the following is *not* a popular ERP product? A. SAP B. Oracle ERP C. Microsoft Dynamics **D. Adobe Photoshop**		
5.	Which of the following is a prerequisite site for Core Process Analysis? A. Coding ERP modules **B. Business Requirement Definition** C. Conducting unit tests D. Setting up a data center		
6.	Which activity helps in resolving mismatches identified in the ERP system? A. Payroll processing **B. Gap Resolution** C. Network monitoring D. Market analysis		

	7.	What is the first step in interface development activities? A. Conduct User Acceptance Testing **B. Identify Interfaces and Tools** C. Write source code D. Perform regression testing		
	8.	What is the final step before going live with interfaces? **A. User Acceptance Testing (UAT)** B. Planning training sessions C. Designing dashboards D. Installing antivirus software		
	9.	What is the first activity in training implementation? A. Deliver training B. Develop training materials C**. Assess user requirements** D. Prepare test cases		
	10.	Which of the following is *not* a phase of the project management life cycle? A. Initiation B. Planning **C. Marketing** D. Execution		
Q. 2	**Answer the following questions:**		**(10)**	5 marks of each question
	(A)	Define ERP. List any four modules commonly found in an ERP system.		**1** mark for Define and 4 marks Module
	(B)	Discuss how ERP systems help improve the productivity of business processes.		5 marks for th full explanati with the exa
		OR		
	(A)	Outline the ERP Life Cycle with key stages involved in the implementation process.		5 marks for th all stages an expalin imple
	(B)	What are the advantages and limitations of ERP systems?		2 marks for advantages an 3 marks limitations
Q. 3	**Answer the following questions:**		**(10)**	
	(A)	Describe the prerequisites of Core Process Analysis and explain how they help in ERP implementation.		3 marks describe and marks implementati n
	(B)	Define Business Requirement Definition (BRD). Explain the importance of Business Requirement Mapping.		1 mark BRD and 4 marks for importanc
		OR		
	(A)	Define Customization in ERP. Discuss the role and risks associated with customizing ERP systems.		1 mark ERP and 2 marks role and 2

				marks risks
	(B)	Illustrate and explain a process flow diagram for the implementation of customization.		5 marks for th full explanation with the fig.
Q. 4		**Answer the following questions:**	**(10)**	
	(A)	Define "Interface" in the context of ERP systems. What is the main objective of Interface and Conversion in ERP implementation?		2 mark for define and 3 marks objective
	(B)	Describe the step-by-step activities involved in interface development in an ERP system.		5 marks for th all step
		OR		
	(A)	What is the role of Interface Integration Testing? List the key objectives of System Integration Testing.		2 marks for th role and 3 marks objective
	(B)	What are the detailed steps involved in System Integration Testing (SIT), and why is it critical for ERP success?		2 marks steps and 3 marks reason
Q. 5		**Answer the following questions:**	**(10)**	
	(A)	Define UAT (User Acceptance Testing). Mention two key components of a training curriculum in ERP.		2 marks UAT and 3 marks key components
	(B)	Explain the workflow of the training process and detail the key tasks such as assessing user requirements and delivering training.		2 marks workflow an 3 marks for th key tasks
		OR		
	(A)	Define "Project Completion" in the context of ERP. What is the importance of escalation in problem management?		2 mark for define and 3 marks importance
	(B)	Describe the Project Management Life Cycle and explain the role of monitoring and control during ERP projects.		5 marks for th full explanation with the fig.

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