

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2025
(Third Semester)

Branch - COMPUTER SCIENCE

ENTERPRISE RESOURCE PLANNING AND ARCHITECTURE

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	A/An ----- is a group of people with a common goal, which has certain resources at its disposal to achieve this goal a) Model b) Enterprise c) System d) Portfolio	K1	CO1
	2	Identify the benefit(s) of ERP _____? a) Reduced Quality costs b) Increased Flexibility c) Better Customer Satisfaction d) All the above	K2	CO1
2	3	----- contain a wide variety of data that present a coherent picture of business conditions at a single point in time a) Data Warehouses b) Databases c) Data Engines d) Data Miners	K1	CO2
	4	Establishing the roles for performing BPR is a part of which of the following phases of BPR? a) Build the reengineering organization b) Begin Organizational Change c) Identify BPR Opportunities d) Understand the existing process	K2	CO2
3	5	With the ----- strategy, The installation of ERP systems of all modules happens across the entire organization at once a) Big Bang b) Phased c) Prototype d) Spiral	K1	CO3
	6	The ----- of the project includes all of the functional and technical characteristics that the company wants to implement. a) Risk b) Complexity c) Scope d) Resource	K2	CO3
4	7	The ----- module enables an enterprise to marry technology with business processes to create an integrated solution a) Financials b) Materials c) Manufacturing d) Human Resources	K1	CO4
	8	Identify the module that supports lead generation, direct mailing campaign, and more. a) Marketing b) Purchase c) Sales d) Quality	K2	CO4
5	9	The ----- layer of the SAP BI architecture consists of systems where raw data originates. a) Data Sources b) Meta Data c) ETL d) DM	K1	CO5
	10	The ----- layer directly interacts with the end user. a) ETL Services b) Presentation Services c) Meta Data Services d) Information	K2	CO5

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO		
1	11.a.	Evaluate the role of Business Modeling in an enterprise.	K5	CO1		
	(OR)					
	11.b.	Compare the qualitative and quantitative benefits of ERP.				
2	12.a.	Dissect the key features of OLAP.	K4	CO2		
	(OR)					
	12.b.	Inspect the applications of Supply Chain Management.				
3	13.a.	Assess the people involved in ERP Implementation.	K5	CO3		
	(OR)					
	13.b.	Determine the Implementation Challenges of ERP.				
4	14.a.	Compose the features of the Human Resources Module.	K6	CO4		
	(OR)					
	14.b.	Test the utility of the Plant Maintenance module.				
5	15.a.	Analyze the ETL Services of SAP.	K4	CO5		
	(OR)					
	15.b.	Dissect the SAP BI Architecture.				

SECTION - C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Analyze the various risks of ERP.	K4	CO1
2	17	Compare Data Warehousing with Data Mining.	K4	CO2
3	18	Compile the salient aspects of contracts with Vendors, Consultants and Employees in the context of ERP.	K6	CO3
4	19	Appraise the role of the Financials module of an ERP System.	K5	CO4
5	20	Assess the Meta Data Services Architecture of SAP.	K5	CO5