

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2024
(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

$$(10 \times 1 = 10)$$

Module No.	Question No.	Question	K Level	CO
1	1	A ----- is a collection of activities that takes one or more kinds of input and creates an output that is of value to the customer. a) Business Model b) Business Process c) Information Management d) Data Model	K1	CO1
	2	The ----- process includes functions such as recruiting, hiring, training, and benefits Management. a) Information Management b) Materials Management c) System Management d) Human Resource Management	K2	CO1
2	3	Identify the systems that find the closest past analogs of the present situation and choose the solution that was the right one in those past situations. a) Genetic Algorithms b) Neural Computation c) Case Based Reasoning d) Data Warehousing	K1	CO2
	4	_____ uses a multidimensional view of aggregate data to provide quick access to strategic information for further analysis. a) OLAP b) Data Warehouse c) Data Mining d) Business Intelligence	K2	CO2
3	5	The _____ approach implements one functional module at a time, in sequential Order. a) Parallel b) Phased c) Prototype d) Spiral	K1	CO3
	6	_____ is the degree of difficulty of implementing, operating, and maintaining the ERP system. a) Risk b) Complexity c) Scope d) Resource	K2	CO3
4	7	Equipment lubrication, component replacement and safety inspection can be planned, scheduled, and monitored in _____. a) Preventive Maintenance Control b) Perfective Maintenance Control c) Equipment Tracking d) Component Tracking	K1	CO4
	8	_____ involves dynamic sample determination on the basis of the quality level history, application of statistical process control techniques using quality scores. a) Quality Inspection b) Quality Prediction c) Quality Maintenance d) Quality Control	K2	CO4
5	9	The _____ process involves extracting data from source systems, transforming into a usable format, and loading it into the BI System. a) Presentation b) ETL c) Meta Data d) Loading	K1	CO5
	10	_____ is a modern, web based UI Paradigm that provides a simple, responsive, and customizable user experience. a) SAP Fiori b) SAP Dispatcher c) SAP GUI d) SAP Scheduler	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 statement: "Today an information system is an organized combination of people, hardware, software, communications networks, and data resources that collects, collates, transforms, and disseminates information in an organization".	K5	CO1
		(OR)		
	11.b.	Defend the statement: "There are number of myths that surround the concept, infrastructure, implementation, and practice of ERP".		
2	12.a.	Dissect the architecture of a data warehouse.	K4	CO2
		(OR)		
	12.b.	Compare verification with discovery in the context of data mining.		
3	13.a.	Assess the Phases of ERP Implementation.	K5	CO3
		(OR)		
	13.b.	Criticize the Role of vendors, consultants in an ERP System.		
4	14.a.	Compose the Functional Modules of ERP Software.	K6	CO4
		(OR)		
	14.b.	Test the utility of the Materials Management module.		
5	15.a.	Dissect the Enterprise Portal Architecture of SAP.	K4	CO5
		(OR)		
	15.b.	Inspect the Storage Service Architecture of SAP.		

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 advantages of ERP.	K4	CO1
2	17	Compile the different phases of BPR.	K6	CO2
3	18	Inspect the Organization of the ERP Project Team.	K4	CO3
4	19	Appraise the role of the Manufacturing module of an ERP System.	K5	CO4
5	20	Design the SAP Business Information Warehouse Architecture.	K5	CO5

Z-Z-Z

END