

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2023
(Third Semester)

Branch – COMPUTER SCIENCE

ENTERPRISE RESOURCE PLANNING AND ARCHITECTURE

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

- 1 Information systems that are designed so that accurate and timely data are shared between functional areas are called -----
 (i) Metadata Systems (ii) Integrated Information Systems
 (iii) Time Sharing Systems (iv) Interface Systems
- 2 ----- is a subset of enterprise wide data warehouse which supports an enterprise element?
 (i) Data Mining (ii) Departmental Data Warehouse
 (iii) Data Repository (iv) Data Mart
- 3 The initial training for the company's key users is provided by
 (i) Vendors (ii) Consultants
 (iii) BAs (iv) Testers
- 4 The description of all the services that are to be procured are stored in a
 (i) Catalogue (ii) Service Master Database
 (iii) Product Database (iv) Goods & Service Repository
- 5 A/An ----- warrants a specific user the right to perform a specific action (access or modify a metadata object) or retrieve a certain bit of information from an SAP BW system.
 (i) Token (ii) Metadata Object
 (iii) Authorization (iv) Authentication

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a Analyze the technological Risks of ERP.
 OR
 b Explain the variables that are most likely to reduce the business risks of ERP migration.
- 7 a Determine the main activities of the "Identify BPR Opportunities" phase of BPR.
 OR
 b Discuss the primary goals of a data warehouse.
- 8 a Explain ANY THREE phases of ERP Implementation.
 OR
 b Discuss the organization of the ERP Project Team.

Cont...

- 9 a Discuss the subsystems of the finance module of an ERP System.
OR
b "To achieve quality levels manufacturers must focus on identifying and correcting defects in underlying product designs and production methods and not simply inspect the in-coming material and finished goods". Justify.
- 10 a Illustrate the building blocks of a SAP Business Warehouse.
OR
b Determine the areas of a DW Workbench.

SECTION -C (30 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks (5 x 6 = 30)

- 11 a Justify the need for an integrated Data Model.
OR
b Interpret the advantages of ERP.
- 12 a Elucidate the key features of OLAP.
OR
b Critique the statement: "The newest generation of ERPs, which incorporates advanced planning and scheduling (APS) goes beyond those discrete tasks by fine-tuning the entire supply flow for a company's unique needs."?
- 13 a "ERP implementations are more likely to fail, be delayed, cost more than forecast, or fail to deliver full functionality than they are to succeed". Justify
OR
b Compare and Contrast the Phased implementation and parallel implementation strategies of ERP.
- 14 a Enumerate the various subsystems under the HR Module of an ERP System.
OR
b Critique the various subsystems of the plant maintenance module of an ERP System.
- 15 a Classify the elementary meta data objects in a SAP Business Warehouse.
OR
b Appraise an overview of query processing in a SAP Business Warehouse.

Z-Z-Z

END