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SEAT No. :

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S.Y.M.C.A. (Management)

ERP 618 MJ : ENTERPRISE RESOURCE PLANNING

(2024 Pattern) (Semester - III)

Time : 2½ Hours] *[Max. Marks : 50*

Instructions to the candidates:

1) *All questions are compulsory.*
2) *Figures to the right indicate full marks.*

Q1) a) Explain how ERP systems integrate various business functions. **[5]**

b) Explain the different types of risks associated with ERP implementation. **[5]**

OR

c) Discuss how people and process issues can lead of ERP project failure. **[5]**

d) Define ERP. Explain various advantages of ERP. **[5]**

Q2) a) Differentiate between structured and unstructured DSS. **[5]**

b) Describe how the application of OLAP can be used to analyze sales performance across regions. **[5]**

OR

c) Describe the process involved in data warehousing. **[5]**

d) Discuss how PLCM enhances collaboration through ERP integration. **[5]**

Q3) a) MechTech Industries manufactures industrial machinery and has adopted the Production Planning and Control (PPC) module of ERP. Despite using the system, frequent production delays and raw material shortages occur. Work orders are often rescheduled, causing idle time and overtime expenses also the finished goods inventory fluctuates heavily.

Analyze the root causes of poor production planning and control and evaluate how ERP PPC functionalities like Material Requirements Planning and capacity planning can enhance production efficiency. **[10]**

OR

P.T.O.

b) After integrating a new Finance and Acounting module, the CEO of Auto Prime Pvt. Ltd asks for a report summarizing Cash flow from operations. Which specific sub-module generates this report, and why is the data needed from other modules (like Accounts Receivable) to compile it? **[10]**

Q4) a) TechApexPvt. Ltd., decides to undergo extensive Business Process Reengineering (BPR) before selecting its ERP software. Why is performing BPR early in the Pre-Implementation phase beneficial, and what risk it poses if done later? **[10]**

OR

b) As the ERP Project Manager of a manufacturing company, you observe that although the ERP system is technically implemented, challenges like poor user adoption, inconsistent data entry, and resistance to process changes are emerging. You realize that limited executive involvement and insufficient end - user training contributed to these issues. As the Project Manager, suggest the key steps you would take during the implementation phase to ensure strong executive commitment and effective end-user training, prevanting post-implementation failures. **[10]**

Q5) Attempt any two from the following. **[2×5=10]**

a) Describe how scalability is achieved in a cloud-basad ERP environment.

b) Describe how real-time IoT data feeds enhance ERP-based maintenance decisions.

c) Short note on Robotic Process Automation.

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