



**MAULANA ABUL KALAM AZAD UNIVERSITY OF
TECHNOLOGY, WEST BENGAL**

Paper Code : CS-604C

ERP

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable

GROUP - A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following :

10 × 1 = 10

- i) All activities of SDLC and ERP lifecycle are

- a) similar
- ☒ b) not all similar
- c) some of the activities are similar
- d) none of these.

- ii) The Request for Bid (RFB) is also called

- a) Request for Proposal
- b) SDLC
- c) SRS
- d) none of these.

| Turn over

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10. Which one is true for OLTP?
- a) Analytical processing of data
 - b) Online processing of data
 - c) Processing data through SQL query
 - d) Processing data through API
11. Which cloud service model is generally used by an ASP?
- a) IaaS
 - b) PaaS
 - c) SaaS
 - d) None of these
12. Which one is the three tier ERP architecture?
- a) SAP R/1
 - b) SAP R/2
 - c) SAP R/3
 - d) MySAP.com

GROUP - B

(Short Answer Type Questions)

Answer any three of the following 3 × 5 = 15

2. Briefly describe major business functions (functional modules) implemented by an ERP System.
3. Differentiate between Best-of Breed ERP and Vanilla ERP.
4. How can extended ERP help in improving overall service of ERP?
5. What are the different types of users of an ERP system? Explain their role. <http://www.makaut.com>
6. Describe the strategic role of SCM in an extended ERP. What kinds of improvement in performance can be achieved by integrating SCM with ERP applications?

GROUP - C

(Long Answer Type Questions)

Answer any three of the following 3 × 5 = 15

- a) State the key characteristics of service oriented architecture.
- b) Explain runtime architecture of SOA.

6 × 4

CS/B TECH/CSE/EVEN/SEM-6/CS 604C/2018-19

8. a) Name three data mining algorithms. Differentiate between data mart and data warehouse. $(3 + 3) = (3 + 2) = 4$
- b) What are the advantages of Cloud ERP over On-Premise ERP? Name two cloud ERP vendors.
- c) Discuss major cost components of ERP implementation.
9. a) State Risks and Challenges of an ERP system.
- b) Discuss and differentiate two BI tools SAP BW and IBM Cognos.
- c) Differentiate between ERP and ERP II.
- d) State different components of typical Inventory Control System and Payroll System. $3 + 4 + 4 + 4$
10. a) Explain typical framework for EAI architecture.
- b) Name four EAI levels.
- c) Name three leading EAI vendors.
11. Write short notes on any three of the following 3×5
- a) Data Warehousing
- b) CRM
- c) SCM
- d) BPR
- e) Clean State vs. Technology-enabled re-engineering.

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