KUMARAGURU
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M.E DEGREE EXAMINATIONS: JUNE 2015

(Regulation 2014)

Second Semester

INDUSTRIAL ENGINEERING

P14IETE12**:** Enterprise Resource Planning

Time: Three Hours   **Maximum Marks: 100**

Answer all the Questions:-
PART A (10 x 1 = 10 Marks)

1. ERP system have the following limitations   [K$_2$]

    1. Managers cannot generate custom reports.

    2. Forces competition to change.

    3. More inventory and inventory carrying cost.

    4. Provides current status only.

    Select the statement which is correct?
    a) 1,2   b) 1,4

    c) 2,3   d) 1,3

2. OLAP in ERP stands for   [K$_1$]

    a) Overall load for analytical process   b) Out List for average production

    c) Online average production   d) Online Analytical Processing

3. The quality management is integrated with the ------------------- and process the applications   [K$_1$]
    like materials, production, sales and distribution

    a) Material data   b) MRP

    c) Master data   d) Inventory

4. Match the List I (business modules) with List II (activity) and select the correct answer using   [K$_2$]
    the codes given below.

List I	List II
A. Finance	i. Shop floor control
B. Manufacturing	ii. Inventory
C. Human resources	iii. General Ledger
D. Materials management	iv. Employee master data

	A	B	C	D
a)	iv	iii	ii	i
b)	iii	i	iv	ii
c)	i	ii	iii	iv
d)	ii	i	iv	iii

5. Assertion A: Vendor evaluation is integrated with materials management [K₂]

Reason (R): Material management is related with plant layout

a) Both A and R are individually true and R is not the correct explanation of A

b) Both A and R are individually true and R is the correct explanation of A

c) A is true but R is false

d) A is false but R is true

6. The people who have developed the ERP package are called as [K₁]

a) Owner

b) Vendor

c) Producer

d) Customer

7. Select the Faster implementation methodologies from the following. [K₂]

1. Accelerated SAP

2. Oracle fast forward

3. My SAP

4. ERP

a) 1,4

b) 2,4

c) 1,2

d) 2,3

8. Assertion A: ERP modules are not implemented in one step. [K₂]

Reason (R): The different modules are introduced one by one.

a) Both A and R are individually true and R is not the correct explanation of A

b) Both A and R are individually true and R is the correct explanation of A

c) A is true but R is false

d) A is false but R is true.

9. The world's second largest software company is [K₁]

a) JD Edwards

b) People soft

c) Microsoft

d) Oracle corporation

10. The correct sequence of the implementation of ERP is [K₂]

1. Finance 2. Materials management 3. Human resources 4. Manufacturing

a) 1-2-3-4

b) 4-3-2-1

c) 1-4-2-3

d) 3-4-1-2

PART B (10 x 2 = 20 Marks)

11. Define enterprise. [K1]

12. Recognize about data mining. [K1]

13. Describe the details which would be provided by OLAP. [K2]

14. Tell about the major sub systems of plant maintenance. [K2]

15. Identify the web based marketing survey. [K2]

16. List about the areas of contracts that would be needed for the ERP implementation. [K1]

17. Recognize the knowledge areas required for the ERP project management. [K2]

18. Identify the factors to consider for the implementation of ERP. [K2]

19. Describe about the objectives of ERP implementation. [K2]

20. Locate the initiatives that would cause ERP vendors to increase their appeal to small business clients. [K2]

PART C (10 x 5 = 50 Marks)

21. Cite with some examples about the benefits of ERP. [K2]

22. Describe about OLAP related to ERP. [K2]

23. Demonstrate the importance of ERP to a company in short. [K3]

24. Identify and explain in brief about the functional modules of ERP software. [K2]

25. Infer about Manufacturing, which is one of the business module in ERP. [K3]

26. Illustrate the basic functions that would be carried out during sales order processing. [K3]

27. Generalize the contracts with vendors while implement the ERP. [K3]

28. Determine and brief about the hidden cost involved in ERP implementation. [K2]

29. Categorize the different phases of ERP implementations. [K4]

30. Explain about future trends and directions in ERP in brief. [K2]

PART D (2 x 10 = 20 Marks)

31. Illustrate the components of a data warehouse. [K3]

32. Apply the principles and the concepts of ERP with your own case study. [K3]

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