

Internal Assessment Test 3 – November 2018 – Answer Key

Sub:	Enterprise Resource Planning							Code:	17MCA352
Date:	22-11-18	Duration:	90 mins	Max Marks:	50	Sem:	III	Branch:	MCA

1. a **Explain the characteristics of the ERP vendor tiers.**

Annual revenue more than \$250 million	Annual revenue between \$25 - \$250 million	Annual revenue less than \$25 million
High complexity	Medium Complexity	Limited functionality
Highest cost of ownership	Medium cost of ownership	Lowest cost of ownership
Can be used in many industry	Vertical industry focus	Vertical industry focus
Industry Specific solution	One product for all industry	One product for all industry
Largest ERP companies	Medium ERP companies	Small ERP companies
International Operations	International operations	
Multilanguage, mutilcurrency capabilities	Can have multilanguage, multicurrency capabilities	

2. a **List the factors that fuel the growth of ERP market**

- ERP vendors are continuing to expand market presence by offering new applications such as SCM, sales force automation, CRM, Business analytics and business intelligence and human resource.
- To sustain their rapid growth, ERP vendors will look to sell more licenses into their installed base.
- While ERP originated in the manufacturing market, ERP usage has spread to nearly every type of enterprise including retail, utilities, and public sector and healthcare organizations.

3. a **Who are called as ERP Vendors? Explain the products of SAP AG**

ERP vendors are people who develop and sell the ERP package.

SAP AG:

Business Suite

SAP Analytics

SAP ERP

SAP Business One

SAP business by design

SAP business all-in-one solution

4 a **Explain the different product of Oracle Corporation**

Oracle Applications

Oracle E-Business Suite

Siebel

Oracle Fusion Applications

Oracle Primavera

Oracle PeopleSoft Applications
 Oracle JD Edwards Enterprise One
 Oracle JD Edwards World

5. a **Discuss the limitations of the ERP system and importance of ERP data**

Limitations of ERP System:

Managers cannot generate custom reports
 ERP Systems provide only current status
 Data in ERP application is not integrated with other enterprises

Implementation of Successful BA front-end to an ERP solution

1. Clarify business objectives and obtain executive sponsorship
2. Begin with a reasonable scope and ensure adequate resource
3. Choose a vendor with industry expertise in both DW and ERP
4. Choose a DW platform that deliveries high availability
5. Select tools that speed implementation and reduce cost
6. Increase the velocity of information
7. Plan for Performance and growth
8. Close the loop for continual improvements.

6. a **Discuss the guidelines for the implementation of a successful BA front end to an ERP Solution.**

1. Clarify the business objectives and obtain executive sponsorship
2. Begin with a reasonable scope and ensure we have adequate resources
3. Choose a vendor with industry expertise in both data warehousing and ERP
4. Choose a data warehouse platform that delivers high quality
5. Select tools that speed implementation and reduce cost
6. Increase the velocity of information
7. Plan for performance and growth
8. Close the loop for continual improvement

7 a **Explain the evolution of ERP to ERP-II**

Material Planning	Scheduling	Project Management
Order Entry	Forecasting	Knowledge Management
Distribution	Capacity Planning	Workflow Management
General Ledger	Warehousing	Customer Relationship Management
Accounting	E-Commerce	Human Resource Management
Shop Floor Control	Logistics	Portal Capability
		Integrated Financials
		Internet and WWW Integration

8 a **Define EAI. Explain different purpose of EAI and its pitfalls.**

Application integration (EAI) is a process of linking these applications and others in order to realize financial and operational competitive advantages. In an era of economic globalization and e-business, Enterprises are struggling with the ERP system in achieving objectives like a maintain a competitive edge , providing access to the global trading environment etc.

Uses of EAI:

1. Data (Information)integration
2. Process integration
3. Vendor independence
4. Common façade

EAI implementation pitfalls:

1. Constant change
2. Lack of EAI experts
3. Competing Standards
4. Thinking of EAI as a tool as opposed to a system
5. Discarding details along the way
6. Emerging requirements.
7. Unclear accountability

9 a Explain the future directions of ERP

New markets
New channels
Faster implementation methodologies
Easier customization tools
Reduction in implementation time
Growth of 3rd party service
Acquisition and mergers
Growth of SAAS and cloud ERP market
Industry specific solutions
Mobile ERP solutions
Open Source ERP

10 a Explain ERP and Internet

Social tools can be effective in the workplace when tied into your ERP solution. User-friendly social applications can help increase productivity and improve collaboration both within your enterprise and with your business partners. As the next generation of ERP systems emerges, social applications are proving their value in connecting businesses internally and with customers. Not the same as integrating ERP systems with external social media sites, social ERP apps mirror the functionality of online social networking tools. The interface may act like Facebook, but it is secured and maintained with your ERP solution.

Social ERP tools can facilitate collaboration and communication among employees and partners

using your ERP system. Connecting people quickly and easily enables them to proactively solve busi-

ness problems together. Primary benefits of social functionality for ERP:

- Facilitate collaboration and communication in the enterprise

- Easily track conversations, projects and processes
- Improve business processes
- Document business processes to support lean initiatives
- Enhance customer engagement
- Build and maintain your knowledge base

Analysts are predicting that social media and social apps will become a more significant component of the ERP landscape. Becoming more social can improve your company's agility and facilitate competitive advantage. Making your enterprise social brings the power of the back-office to the front-office, helps customers collaborate, and drives growths .