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| ***Thapar Institute of Engineering & Technology, Patiala***  Computer Science & Business System  **QUIZ-I** | |
| BE (CSBS) | Course Code: UCT642  Course Name: Enterprise Systems |
| 22/02/2023 | Time: 2:45 P.M. – 2:55 P.M. |
| Time: 10 Minutes, M. Marks: 10 | Name of Faculty: Ms. Tanya Garg |

Q1. ERP system is a highly integrated, and enterprise-wide information system that covers

1. All the functional areas of an organization
2. Manufacturing
3. area of an organization
4. Materials department of an organization

**Q2. ERP systems provide a number of benefits which include**

1. Reduced Inventory
2. Reduced Manpower
3. Reduced cycle time
4. All of the above

**Q3. What is at the heart of any ERP system?**

1. Information
2. Employees
3. Customers
4. Database

**Q4. What must a system do to qualify as a true ERP solution?**

1. Be flexible
2. Be modular and closed
3. Extend within the company
4. All of the above

**Q5. What are the primary business benefits of an ERP system?**

1. Sales forecasts, sales strategies, and marketing campaigns
2. Market demand, resource and capacity constraints, and real-time scheduling
3. Forecasting, planning, purchasing, material management, warehousing, inventory, and distribution
4. All of the above

**Q6. What is the difference between a monolithic and microservices architecture?**

1. Monolithic architecture is a single, large, complex service, while microservices are small, autonomous services.
2. Monolithic architecture is a single, small, simple service, while microservices are large, complex services.
3. Monolithic architecture is a group of small, simple services, while microservices are large, complex services.
4. Monolithic architecture is a group of large, complex services, while microservices are small, autonomous service

**Q7. What is the role of an API gateway in a microservices architecture?**

1. To handle authentication and authorization for services
2. To provide a single-entry point for external clients to access services
3. To route requests to the appropriate service
4. All of the above

Q8. **Which of the following describes a message-passing taxonomy for a component-based architecture that provides services to clients upon demand?**

1. SOA
2. EBS
3. GEC
4. All of the mentioned

**Q9. Which of the following is used to define the service component that performs the service?**

1. WSDL
2. SCDL
3. XML
4. None of the mentioned

**Q10. Single point failure examples is \_\_\_\_\_\_\_\_\_\_**

1. Monolithic
2. Microservice
3. Both of the above
4. None of the above