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Question Paper Code	12573
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B.E. / B.Tech. - DEGREE EXAMINATIONS, APRIL / MAY 2024

Eighth Semester

Information Technology

20ITEL805 - INFORMATION SYSTEM AUDIT

Regulations - 2020

Duration: 3 Hours

Max. Marks: 100

PART - A (10 × 2 = 20 Marks)

Answer ALL Questions

	Marks	K- Level	CO
1. Define Information Systems Audit.	2	K1	CO1
2. List two components of the audit process.	2	K1	CO1
3. What is the purpose of a management control framework in an organization?	2	K2	CO2
4. List the primary objectives of auditing systems development.	2	K1	CO2
5. List the examples in input control.	2	K1	CO3
6. What are Boundary Controls in application systems?	2	K1	CO3
7. What are concurrent auditing techniques, and why are they important?	2	K2	CO4
8. Identify the performance management tool commonly used in audits.	2	K2	CO4
9. What is the planning function in managing information systems audits?	2	K1	CO5
10. Why is troubleshooting necessary in information systems audits?	2	K2	CO5

PART - B (5 × 13 = 65 Marks)

Answer ALL Questions

11. a) Explain the steps involved in planning an Information Systems Audit.	13	K2	CO1
OR			
b) Explain the major phases involved in conducting an Information Systems Audit, highlighting their importance and order of execution.	13	K2	CO1
12. a) Demonstrate the effectiveness of Normative Models in guiding the Systems Development Process, considering their practical implications and limitations.	13	K3	CO2
OR			
b) Examine the relationship between management control frameworks and organizational performance.	13	K3	CO2
13. a) Analyze the importance of Database Controls in maintaining data integrity and security in application environments.	13	K3	CO3
OR			
b) Discuss the role of Output Controls in ensuring the reliability and accuracy of application outputs.	13	K3	CO3

K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create

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14. a) Explain the role of audit software in evidence collection. Explain its importance and how it aids auditors throughout the process. 13 K2 CO4

OR

b) Estimate the use of interviews and questionnaires in audits. Compare their strengths and weaknesses. 13 K2 CO4

15. a) Discuss the importance of staffing in ensuring skilled professionals for information systems audits. Provide strategies. 13 K2 CO5

OR

b) Evaluate the importance of controlling in managing information systems audits. 13 K2 CO5

PART - C (1× 15 = 15 Marks)

16. a) Illustrate the effectiveness of Processing Controls in detecting and preventing errors in application systems. 15 K5 CO6

OR

b) Classify the impact of technological advancements on information systems auditing. Discuss adaptation strategies. 15 K5 CO6