

Total No. of Questions—12]

[Total No. of Printed Pages—3

Seat No.	
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[5672]-404

S.Y. M.C.A. (Engineering) (IV Sem.) EXAMINATION, 2019

INFORMATION SYSTEMS AUDIT

(Elective-I)

(2013 PATTERN)

Time : Three Hours

Maximum Marks : 50

N.B. :— (i) Neat diagrams must be drawn wherever necessary.

(ii) Figures to the right side indicate full marks.

(iii) Assume suitable data if necessary.

1. What are the *four* major objectives of Information System Auditing ? Explain the meaning of each one of them. [8]

Or

2. What do you mean by risk based auditing ? Explain each type of risk with examples. [8]

3. Explain the concept of Digital Signature ? How are Digital Signature used to send signed, secret message with example. How can one achieve confidentiality, Integrity and non-Repudiation ? [8]

P.T.O.

Or

4. Write short notes on any *two* of the following : [8]

- (i) Operating Systems
- (ii) Firewall Control
- (iii) Network Control.

5. What are the three ways that auditors can involve in the System Development Process ? Explain in detail. [9]

Or

6. Write short notes on as following : [9]

- (i) Preliminary investigation and Auditor role
- (ii) Problem management
- (iii) Quality Control and Auditor role in Quality Control

7. What could be the best evidence from auditor point of view of Business Continuity Plan of a Bank ? Justify your answer. [8]

Or

8. (a) Explain the various Validation Control at field, File and Batch level with example. [4]

(b) What is Control ? What are the Control objectives ? [4]

9. What is Data Privacy ? What are the Data Privacy Policies required in an organization ? [9]

[5672]-404

2

- Or
10. Why an Auditor is involving in Staffing Information System Function ? Explain any *two* Staffing Functions with suitable example. [9]
11. State and Explain COBIT key Principles for Governance and Management of enterprise IT in brief. [8]
- Or
12. Explain 7 enablers of COBIT framework with suitable diagram. [8]