

Roll No. :

Total No. of Questions : 16]

[Total No. of Printed Pages : 3

SCYS-326

M.Sc. (IIIrd Semester) Examination, 2021

CYBER SECURITY

Paper - MCSEC-303

(Information System Audit)

Time : 1½ Hours]

[Maximum Marks : 40

Section-A

(Marks : 1 × 10 = 10)

Note :- Answer all *ten* questions (Answer limit **50** words). Each question carries 1 mark.

Section-B

(Marks : 3 × 5 = 15)

Note :- Answer any *five* questions by selecting at least *one* question from each Unit (Answer limit **200** words). Each question carries 3 marks.

Section-C

(Marks : 5 × 3 = 15)

Note :- Answer any *three* questions by selecting *one* question from each Unit (Answer limit **500** words). Each question carries 5 marks.

Section-A

1 each

1. (i) Define Security Threats.
- (ii) What is the use of Audit Software ?

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- (iii) What is the DATA file Controls ?
- (iv) Write the full form of SDLC.
- (v) Define the term 'Network Security'.
- (vi) What is concurrent Auditing Techniques ?
- (vii) What is DATA ?
- (viii) Explain the term 'Information'.
- (ix) What do you mean by 'Audit' ?
- (x) Define the Questionary.

Section-B

3 each

Unit-I

- 2. What is Information System Audit ? Why we need it ?
- 3. What are approaches to develop an Auditing System ?
- 4. Describe controlling functions in brief.

Unit-II

- 5. Explain the role of Security Management Controls.
- 6. Describe operation management controls.
- 7. What is Communication Controls ? Explain.

Unit-III

- 8. What is Computer Assisted Auditing Techniques ? Explain.
- 9. What do you understand by System Efficiency ?
- 10. 'Control Flowcharts' Explain in brief.

Section–C

5 each

Unit–I

11. Describe the Major Phases of System Development.
12. Write notes on the following :
 - (i) Programming Management Controls
 - (ii) DATA Resource Management Controls

Unit–II

13. Differentiate input and output controls.
14. Explain the following :
 - (i) Data Base Controls
 - (ii) Processing Controls

Unit–III

15. What are major features of Audit Software ?
16. Describe any *two* of the following :
 - (i) System Effectiveness
 - (ii) Code Comparison
 - (iii) Interviews
 - (iv) Data Integrity