

CDOE
MASTER OF BUSINESS ADMINISTRATION (CBCS-2019 COURSE)
M.B.A. SEM - III : WINTER :- 2021
SUBJECT: INFORMATION SYSTEMS SECURITY & AUDIT

Day : Thursday
Date 10/3/2022

W-22001-2021

Time : 10:00 AM-01:00 PM
Max. Marks: 60

N.B.:

- 1) Answer ANY THREE questions from Section I. Each question carries 10 Marks.
- 2) Answer ANY TWO questions from Section II. Each question carries 15 Marks.
- 3) Answers to Both the sections should be written in SAME answer book.
- 4) Draw a labeled diagram WHEREVER necessary.

SECTION - I

Q.1) Answer the following: Attempt ANY ONE (10 Marks X 1 = 10 Marks)

- a) Discuss different types of internal controls in information system.
- b) What are different categories of risks? Explain basic steps of risk analysis.

Q.2) Answer the following: (10 Marks X 1 = 10 Marks)

Explain the role of people, policy and technology in information security program.

Q.3) Answer the following: (10 Marks X 1 = 10 Marks)

Give an overview of effectiveness evaluation process.

Q.4) Answer the following: Attempt ANY ONE (10 Marks X 1 = 10 Marks)

- a) Explain a model of evaluating information system.
- b) Discuss the resources that must be considered in Backup.

Q.5) Write short notes on the following: Attempt ANY TWO (5 Marks X 2 = 10 Marks)

- a) Data processing
- b) Classes of threats
- c) Information security
- d) System testing
- e) Cost effectiveness
- f) BYOD threats

SECTION - II

Q.6) Answer the following: (15 Marks X 1 = 15 Marks)

If the employees of the company are allowed to use personal devices such as laptop, smart phone, tablets etc. to connect and access the data, what could be the security risks involved? Classify and elaborate such risks.

Q.7) Answer the following: Attempt ANY ONE (15 Marks X 1 = 15 Marks)

- a) What is meant by information security policy? What are the components of good security policy?
- b) ABC company appoints a technical team for the development of company's new application. The team calls various meetings of different stakeholders and decides to follow the best practices of SDLC for its different phases. Explain the role of IS auditor at different phases of development.

Q.8) Answer the following: Attempt ANY ONE (15 Marks X 1 = 15 Marks)

- a) The auditor should obtain sufficient appropriate audit evidence in order to be able to form information system audit opinion. Justify
- b) Describe business continuity management. Explain with the help of continuity policy and planning.
