UPES
End Semester Examination, May 2024
Course: IS Governance, Mgt Practices, IS Audit   Semester: VIII
Program: BTech LLB(Cyber Law)   Time   : 03 hrs.
Course Code: CLCC4030   Max. Marks: 100

Instructions:

SECTION A
(5Qx2M=10Marks)

S. No.		Marks	CO
Q 1	Describe the main components of Information security governance.	2	CO1
Q2	Discuss the need for IT security standards.	2	CO3
Q3	Describe various risk types in GRC.	2	CO2
Q4	Discuss the challenges faced in Information security.	2	CO1
Q5	Define compliance audit checklist for Information security.	2	CO5

SECTION B
(4Qx5M= 20 Marks)

Q 6	Illustrate how risk is managed in an IT organization.	5	CO2
Q7	Explain why information security governance is necessary.	5	CO1
Q8	Explain the method to ensure strategic alignment between business and IT.	5	CO3
Q9	Discuss the necessary steps to conduct an IT audit.	5	CO5

SECTION-C
(2Qx10M=20 Marks)

Q 10	State various domains and corresponding processes of ISO27001.	10	CO2
Q11	Illustrate in detail the outcomes of Information security governance.	10	CO1

SECTION-D
(2Qx25M=50 Marks)

Q12	Online banking is a modern way to handle the increasing number of customers. But at the same time, its security is also important. Given this, talking about the data risk of the bank:	25	CO4

	a) Apply the necessary steps to use the 5X5 risk matrix. b) Create a table showing five risk rating levels with their numerical representation.		
Q 13	Case Study: Every employee in technical assistance at ZYX enterprise is occupied with installing new virus and worm control software and restoring computer systems to their previous configurations. As John was learning how to install the operating system and apps on a desktop computer, XYZ was heroically trying to recover from the previous day's cyber-attack. Based on the above case study answer the following questions: a) Define the role you believe an outsider, or an insider played in the scenario. For what reason do you believe this? b) Analyse how information security is threatened by the becoming obsolete technology. How can a company defend itself from it?	**25**	**CO5**