

Name:

Enrolment No:



**UPES**

**End Semester Examination, May 2025**

**Course: Information Security Governance**

**Program: B.TECH CSE-CSF (H/NH)**

**Course Code: CSSF3015**

**Semester: VI**

**Time : 03 hrs.**

**Max. Marks: 100**

**Instructions: Attempt according to the given time and weightage.**

**SECTION A**  
**(5Qx4M=20Marks)**

S. No.		Marks	CO
Q 1	Define the differences between financial audit and Forensic audit.	4	CO2
Q 2	Describe the four different phases in anatomy of audit.	4	CO3
Q 3	Distinguish the differences between Identification, Authentication and Authorization with one real-world example.	4	CO4
Q 4	Distinguish between four different audit opinions based on an auditing report to evaluate whether the financial statements are fairly presented or not.	4	CO4
Q 5	Describe the different personality-based communication styles for making security training more engaging.	4	CO2

**SECTION B**  
**(4Qx10M= 40 Marks)**

Q 6	Explain the following along with examples: 1. Audit and Accountability control 2. Identification and Authentication Control	10	CO4
Q 7	Explain the difference between the following: 1. Financial risk and credit risk 2. Qualitative and Quantitative risk	10	CO1
Q 8	Define the following:  1. CMM Model 2. COBIT 3. GDPR 4. DiD Strategy 5. FINRA	10	CO1

Q 9	<p>Define C-suite and discuss the roles and responsibilities of various members in C-suite.</p> <p><b>OR</b></p> <p>Explain GRC framework. Discuss the role of governance, risk and compliance in information security governance.</p>	10	CO1
<p align="center"><b>SECTION-C</b> <b>(2Qx20M=40 Marks)</b></p>			
Q 10	What is Audit? Differentiate between Internal and External audit with one real world example of each. Discuss the Anatomy of audit.	20	CO3
Q 11	<p>Explain the following controls:</p> <ol style="list-style-type: none"> <li>1. System and communication protection control</li> <li>2. Incident response control</li> <li>3. Maintenance Control</li> <li>4. Physical and environmental protection control</li> <li>5. Personal security control</li> </ol> <p><b>OR</b></p> <p>Consider two real-world situations and respond accordingly:</p> <ol style="list-style-type: none"> <li>1. A business unit is experiencing a significant increase in data privacy-related consumer complaints. How would you investigate and address this issue from a GRC standpoint?</li> <li>2. A security breach has been discovered at a third-party vendor that your company relies on for vital services. How would you go about managing the risks that come with this incident and ensuring that the vendor complies with all of the security standards?</li> </ol>	20	CO5