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UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2019

Course: Information Security Governance   **Semester: VIII**
Program: B.Tech CSE + CSF   **Time: 03 hrs.**
Course Code: CSIB 459   **Max. Marks: 100**

Instructions:
1. Be specific while answering the questions.
2. Internal choices are provided in Question 9 and 11

	SECTION A		
S. No.		**Marks**	**CO**
Q 1	Explain Qualitative Risk Analysis.	**4**	**CO4**
Q 2	Discuss the term "Security Control Convergence"	**4**	**CO2**
Q 3	What are the four MBTI Preference Scales?	**4**	**CO4**
Q 4	Justify the importance of Awareness and Training Control.	**4**	**CO3**
Q 5	Briefly describe the term "Compliance Dilemma".	**4**	**CO1**
	SECTION B		
Q 6	Discuss the Historical perspective of an organization	**10**	**CO1**
Q 7	Justify the importance of Information Security Policies.	**10**	**CO2**
Q 8	What is On-Site Arrival Phase?	**10**	**CO4**
Q 9	Describe System and Information Integrity Controls. **OR** Describe Security Assessment and Authorization Controls.	**10**	**CO3**
	SECTION-C		
Q 10	Discuss the reporting models to be followed by the Security Officer and the Information Security Organization.	**20**	**CO1**
Q 11	What are the various ways to dismantle Information Security Governance efforts? (Discuss any 10) **OR** Describe the process of building Grassroots Support through Information Security Council.	**20**	**CO4, CO3**

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	SECTION A		
S. No.		Marks	
Q 1	Explain Quantitative Risk Analysis	4	CO4
Q 2	Discuss the term "Security Control Methodology"	4	CO2
Q 3	What is On-Site Arrival Phase?	4	CO4
Q 4	Justify the importance of Configuration and Management Controls.	4	CO3
Q 5	List the name of Seven Competencies for effective Security Leadership.	4	CO1
	SECTION B		
Q 6	Differentiate between two types of Security strategy development techniques.	10	CO1
Q 7	Explain the process of Risk Management.	10	CO2
Q 8	Explain the term "Audit Execution Phase".	10	CO4
Q 9	Discuss Risk Assessment Controls. **OR** Describe Program Management Controls.	10	CO3
	SECTION-C		
Q 10	Explain the concept behind C-Suite. Also, discuss the key roles and responsibilities of the Personnel who is the part of Information Security Process.	20	CO3
Q 11	What is audit and effective security communication? **OR** What are the various Access - Control Controls and their method of Implementation?	20	CO4, CO2