

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May2020

Course: Information Security Governance
Program: B. Tech CSE+CSF
Course Code: CSIB 459

Semester: VIII
Time : 03 hrs.
Max. Marks: 100

Instructions: 1. Be specific while answering the questions.
2. Justify your answers with the help of examples.
3. Internal choices are provided in Question 11 and 12

SECTION A

S. No.		Marks	CO
Q 1	1) Which regulatory scheme introduces information security requirements specific to the handling of credit cards? Write full form of the regulatory scheme also.	5	CO1
Q 2	What does GRC stands for and why we need it?	5	CO1
Q 3	Choose the correct answer (2.5 * 2= 5 Marks) A) Bill is designing an information security governance strategy for his organization. His primary objective is to choose a strategy that minimizes the variability in control implementation across the organization. Which governance strategy would best meet this goal? a) Distributed b) Centralized c) Flexible d) Hybrid B) Which one of the following is not a core goal of information security? a) Confidentiality b) Authorization c) Integrity d) Availability	5	CO2, CO1
Q 4	What are the four MBTI Preference Scales?	5	CO5
Q 5	Write full form of the following terms: (2.5*2=5 Marks) a) COBIT b) MBTI	5	CO5
Q 6	Choose the correct answer (2.5 * 2= 5 Marks) A) Lately ‘wannacry’ attack was quite in news. What this attack was doing? a) Email IDs and hashed passwords, of 17 million users was stolen b) Container handling functions at a terminal of port got affected c) Several thousand computers getting locked down by ransom-seeking hackers d) Phishing email sent to an employee, hackers accessed the credentials to execute a fund transfer for a famous bank B) For performing banking and other transactions, which type of environment is secure one? a) Personal internet connection on personal pc b) Free Wi-Fi network available at the public place c) Cyber café available in the public place d) All of the above	5	CO4

SECTION B

Q 7	Why Information Security Policies are important and discuss the process of policy review.	10	CO1
Q 8	What are the various ways to dismantle Information Security Governance efforts? (Discuss any 10)	10	CO5
Q 9	Why information security policies are important? Discuss two types of basic security policies also.	10	CO4
Q 10	a) Justify the importance of Configuration and Management Controls. b) Explain Quantitative Risk Analysis with example. (5+5=10 Marks)	10	CO3, CO4
Q 11	What do you understand by C-Suite? Name five C-suit officers other than CEO, CFO and COO. Discuss their roles also. OR Explain the importance of C-Suite in an organization. Discuss the role of CEO and CIO in an organization.	10	CO3
SECTION-C			
Q 12	What is SWOT analysis, explain with proper example? How to do a SWOT analysis? How to use a SWOT analysis? OR a) Differentiate the terms “Security Control Convergence” and “Security Control Methodology” b) Justify the importance of Information Security Policies.	20	CO2