UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2022

Course: IT Security Management
Program: MBA DB
Course Code: CSEG8002

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

Instructions:

SECTION A

S. No.		Marks	CO
Q 1	What are the characteristics of CIA triangle?	**2**	**CO1**
Q2.	Why are security teams essential for businesses today?	**2**	**CO1**
Q3.	Write A Note On The History Of Information Security?	**2**	**CO1**
Q4.	What Is The Scope Of Computer Security?	**2**	**CO1**
Q5.	Define Information Security?	**2**	**CO1**
Q6.	Demonstrate components Of An Information System?	**2**	**CO2**
Q7.	What Are The Information Security Roles To Be Played By Various Professionals In A Typical Organization?	**2**	**CO1**
Q8.	Is cloud secure? Justify your answer in brief.	**2**	**CO1**
Q9.	Define E-mail Spoofing?	**2**	**CO1**
Q.10	Define Virus?	**2**	**CO1**

SECTION B

Q 11	What is man in middle attack? How we can overcome this attack.	**5**	**CO4**
Q12.	How you can prevent security risk in digital business.	**5**	**CO2**
Q13.	How you can reduce enterprise risk? Explain in brief.	**5**	**CO3**
Q14.	Explain Various data resources in network.	**5**	**CO1**

SECTION-C

Q.15	Explain cloud computing advantage and opportunities.	**10**	**CO3**
Q.16	What was the biggest security issue for security teams while managing	**10**	**CO3**

	work-from-home staff in 2020? Justify your answer.		
Q .17	"Security is myth in digital era". Comment on it and justify you comment.	10	CO3
SECTION-D			
Q .18	(a)Do you thing cloud computing help in IT security management.Justyfy your answer in detail. (b) Do you agree with statement "Security is important aspect in business". Justify with use case if any.	(5+10)	CO2
Q.19	How do you define risk, vulnerability, and threat, in the context of network security? Discuss with suitable example.	(5+5+5)	Co1,CO2 ,CO4