

Roll No: -----



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2017

Program: Int B.Tech. CSE + LLB (Hons) CL

Subject (Course): Information Security Governance

Course Code : LLBL 665

No. of page/s : 1

Semester : XI

Max. Marks : 100

Duration : 2 Hrs

Section A

Fill in the blanks.

- Q. 1 The quality or state of being _____ – to be free from danger. [2]
Q. 2 _____ is one of the most lucrative forms of spamming. [2]

Choose any one option which is appropriate. (Multiple Choice Questions.)

- Q. 3 Which software is designed to operate without the computer user's permission? [2]
A) Phishing B) Key Logger C) Malware D) DDoS
- Q. 4 Among these which is not the type of strategy constraint? [2]
A) Direct B) Indirect C) Peripheral D) Consequential
- Q. 5 How many levels of maturity of organizational structures and processes are defined in Capability Maturity Model? [2]
A) Six B) Five C) Four D) Three

Section B

- Q. 6 What is Information Systems? [5]
Q. 7 Describe Information security governance. [5]
Q. 8 Explain security architecture. [5]
Q. 9 What do you mean by managing risk appropriately? [5]

Section C

- Q. 10 Explain the development of security strategy. [10]
Q. 11 Describe the SABSA development process. [10]

SectionD

- Q. 12 What are the CobiT components which are included by ISACA? Explain each of them. **[15]**
- Q. 13 Describe the six security attacks with proper diagrams. **[15]**
- Q. 14 Write about any ten strategy resources which you will utilize to implement the security strategy. **[20]**

Roll No: -----



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2017

Program: Int B.Tech. CSE + LLB (Hons) CL

Semester : XI

Subject (Course): Information Security Governance

Max. Marks : 100

Course Code : LLBL 665

Duration : 2 Hrs

No. of page/s : 1

Section A

Fill in the blanks.

Q. 1 _____ can be considered to be the “constitution” of security governance. [2]

Q. 2 _____ is simply the act of governing. [2]

Choose any one option which is appropriate. (Multiple Choice Questions.)

Q. 3 What are the detailed steps necessary to accomplish a particular task and must conform to the standards? [2]

A) Architectures B) Procedures C) Guidelines D) Polices

Q. 4 Among these which employs the PDCA model? [2]

A) ISO 27002 B) ISO 27001 C) CobiT D) CMM

Q. 5 Among these which is attack on confidentiality? [2]

A) Fabrication B) Modification C) Interruption D) Interception

Section B

Q. 6 What are the two types of attacks? Explain them. [5]

Q. 7 Differentiate between objectives and outcomes. [5]

Q. 8 Draw the proper SABSA life cycle. [5]

Q. 9 Explain the consequential strategy constraints. [5]

Section C

Q. 10 Explain the ISACA version of CMM. [10]

Q. 11 Describe all six outcomes of information security governance. [10]

SectionD

- Q. 12 What are eight identifiable benefits which will devolve from implementing effective information security governance? **[15]**
- Q. 13 Explain all six main KGI's for value delivery outcome. **[15]**
- Q. 14 If you are developing a security strategy and subsequent action plan then what are those contextual constraints that you should address properly. Explain them. **[20]**