



PART B — (5 × 16 = 80 marks)

11. (a) Define and explain in detail the critical characteristics of information.

Or

- (b) How can you adapt the traditional SDLC to support the specialized implementation of a security project? Explain.

12. (a) Describe and differentiate threats to information systems from attacks against information systems.

Or

- (b) Identify and discuss major national laws that relate to the practice of information security?

13. (a) "A Risk management strategy calls on you to know your organization by identifying, classifying and prioritizing the organizations information assets". Explain.

Or

- (b) What are the actual and perceived advantages of implementing a control as opposed to the actual and perceived disadvantages of implementing the control? Explain the more commonly used techniques for determining the advantage of choice of a specific control.

14. (a) Explain what an information security blueprint is and what are its major components?

Or

- (b) What is contingency planning? How incident response planning, disaster recovery planning, and business continuity plans are related to contingency planning?

15. (a) Discuss critical physical environment considerations for computing facilities. Discuss countermeasures to the physical theft of computing devices.

Or

- (b) Where and how the information security function is positioned within organizations? Describe the issues and concerns about staffing the information security function.