

**P.G. DIPLOMA IN INFORMATION SECURITY
(PGDIS)**

01454 **Term-End Examination**
June, 2019

MSEI-026 : BCP, DR PLANNING AND AUDIT

Time : 2 hours

Maximum Marks : 50

Note :

*Section A – Answer **all** the objective type questions.*

*Section B – Answer **all** the very short answer type questions.*

*Section C – Answer any **two** questions out of three short answer type questions.*

*Section D – Answer any **two** questions out of three long answer type questions.*

SECTION A

*Attempt **all** the objective type questions.*

1. A good example of defense in depth is 1
- (a) the use of exhaustive software testing
 - (b) the detection of worm and virus signatures in incoming packets
 - (c) the use of multiple firewalls in an organization
 - (d) None of the above

2. RAID is an abbreviation of _____ . 1
- (a) Redundant Array of Independent Disks
 - (b) Redundant Array of Inexpensive Disks
 - (c) Both a and b
 - (d) None of the above
3. A security measure to enable accidentally or deliberately deleted data to be resurrected is 1
- (a) Network access control
 - (b) Business continuity/Disaster recovery
 - (c) Physical access restrictions
 - (d) Backup/Restore
4. Every risk has 100% likelihood. 1
- (a) True
 - (b) False
5. What is associated with the product risk ? 1
- (a) Control of test item
 - (b) Negative consequences
 - (c) Test object
 - (d) None of the above
6. Software risk always involves two characteristics. What are those characteristics ? 1
- (a) Uncertainty and loss
 - (b) Certainty and profit
 - (c) Staff size and budget
 - (d) None of the above

7. Uncertainty about outcomes that can be either positive or negative is known as 1
- (a) Hazard
 - (b) Risk
 - (c) Speculation
 - (d) None of the above
8. Which of the following Information Technology contingency solutions for servers minimizes the recovery time window ? 1
- (a) Electronic vaulting
 - (b) Load balancing
 - (c) Disk replication
 - (d) Remote journaling
9. Regarding contingency planning, which of the following IT platforms requires vendor service-level agreements ? 1
- (a) Desktop computers
 - (b) Servers
 - (c) Distributed systems
 - (d) WAN
10. Regarding Business Continuity Planning (BCP) and Disaster Recovery Planning (DRP), which of the following contingency solutions for WANs increases vulnerability of hackers ? 1
- (a) Redundant Communication Links
 - (b) Multiple Network Service
 - (c) Multiple Internet Connections
 - (d) None of the above

SECTION B

Answer all five very short answer type questions.

11. Define BCP. 2
12. What do you mean by BRP ? 2
13. Write the difference between risk and opportunity. 2
14. How do you undertake a risk assessment ? 2
15. What is BCM ? 2

SECTION C

Answer any two questions out of three short answer type questions.

16. Describe risk reduction process. 5
17. Describe the threats in business continuity. 5
18. What is project management ? Explain the importance of project management. 5

SECTION D

Answer any two questions out of three long answer type questions.

- 19.** Explain the purpose, process, methods and techniques of BCP. 10
- 20.** Write a disaster recovery plan and define disaster recovery strategies. 10
- 21.** Write short notes on the following : 5×2=10
- (a) DDOS and RDDOS Attack
 - (b) Authentication and Identification
 - (c) Safety Audit
 - (d) Risk Analysis
 - (e) Risk Mitigation
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