

Diploma in Network Security (2009 Course): SUMMER-2019  
SUBJECT: NETWORK SECURITY MODULE -III

Day: Friday  
Date: 07-06-2019

Time: 2:30 P.M. TO 5:30 P.M.  
Max.Marks:100

S-2019-3704

**N.B.:**

- 1) Attempt any **THREE** questions from each section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Neat diagrams must be drawn **WHEREVER** necessary.
- 4) Answer to both the sections should be written in **SAME** Answer book.

**SECTION-I**

- Q.1** a) What is Business continuity and Disaster recovery? Explain benefits of BC/DR. (08)
- b) Explain Risk Assessment. (08)
- Q.2** a) What are the different Industry standard which supports Business Continuity and Disaster Recovery (BC/DR)? Explain ISO 27001. (08)
- b) What is Plan-Do-Check-Act.(PDCA)? Explain plan stages of PDCA. (08)
- Q.3** a) What is Audit? Explain On Floor Audit and Desktop Audit. (08)
- b) What do you mean Disaster? Explain man made disaster. (08)
- Q.4** Write short note on **ANY THREE** (18)
- a) Incident Management.
  - b) Asset Inventory.
  - c) Statement of Applicability (SoA).
  - d) Business Impact Analysis (BIA).

**SECTION-II**

- Q.5** a) Explain following BCP/DR Testing techniques. (08)
- i) Paper Tests
  - ii) Cutover Tests
- b) Give brief information about backup sites given below (08)
- i) Hot Site
  - ii) Cold Site
  - iii) Warm Site
- Q.6** a) Explain following methods that provide fault tolerance for hard disk. (08)
- i) Mirroring
  - ii) Disk Striping
- b) What is Backup? State difference between Full Backup and Incremental Backup. (08)
- Q.7** a) Explain Recovery Time Objective (RTO). (08)
- b) What are the challenges in BCP/DR Implementation? (08)
- Q.8** Write short note on **ANY THREE** (18)
- a) Clustering Technologies.
  - b) Uninterruptible Power Supply (UPS) and Standby Power Supply (SPS).
  - c) Redundant array of Inexpensive (or Independent) Disks (RAID)
  - d) Grandfather-Father-Son Tape Rotation.