

DIPLOMA IN NETWORK SECURITY (2014 COURSE) : MODULE - III

**WINTER - 2017**

**SUBJECT : NETWORK SECURITY MODULE – III**

Day : Saturday  
Date : 27/01/2018

Time : 02:30 PM TO 05:30 PM  
Max. Marks : 100

**W-2017-3235**

**N.B.:**

- 1) **Q. No. 4 and Q. No. 8 are COMPULSORY.** Out of the remaining questions attempt **ANY TWO** questions from each section.
- 2) Answers to both the sections should be written in **SEPARATE** answer books.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.
- 4) Figures to the right indicate **FULL** marks.
- 5) Assume suitable data if necessary.

**SECTION – I**

- Q.1** a) Explain PDCA model. [08]  
b) What is BIA? Explain. [08]
- Q.2** a) Define: i) Risk Transfer ii) Risk Tolerance [08]  
iii) Risk Mitigate iv) Risk Treatment  
b) Explain : i) NLB ii) Failover clusters [08]
- Q.3** a) Explain hot sites, cold sites and warm sites in disaster recovery. [08]  
b) What is SLA? Explain its need and importance. [08]
- Q.4** Write short notes on **ANY THREE** of the following: [18]  
a) BCP and Governance  
b) Benefits of BCP and DRP planning  
c) RTO and RPO  
d) Fault tolerance and disaster recovery

**SECTION – II**

- Q.5** a) Explain in brief RAID and its levels. [08]  
b) Explain various ways of protection from virus. [08]
- Q.6** a) Explain load balancing in Virtualization. [08]  
b) Explain : i) Private cloud ii) Public cloud [08]
- Q.7** a) Explain advantages and disadvantages of VoIP. [08]  
b) Explain any two protocols used in VoIP. [08]
- Q.8** Write short notes on **ANY THREE** of the following: [18]  
a) Mirror volume  
b) Backup and its types  
c) Paas in cloud computing  
d) VoIP

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