

**Term End Examination - June, 2017**  
**Diploma in Cyber Security**  
**DCS-04: APPLICATION CYBER SECURITY (2016 Syllabus)**

**Time - 3 Hours**

**Full Mark - 100**

*(Answer any four questions from Group - 'A', any two questions from Group - 'B' and any three questions from Group - 'C')*

**Group - 'A'**

Mark: 5 X 4= 20

*(Answer any four questions each within 100 words)*

Q. No. 1

- a) What do you mean by desktop security?
- b) What are the desktop security threats?
- c) Write about programming bug.
- d) Describe different types of Disasters with appropriate example.
- e) What is the relationship between BCP and DRP?
- f) How ISO 27001 works and what it delivers for you and your Company?
- g) Write the basic steps to ensure Desktop Security?

**Group - 'B'**

Mark: 10 X 2= 20

*(Answer any two questions each within 250 words)*

Q. No. 2

- a) What is a malicious code? Explain about different types of malicious codes.
- b) What do you mean by database security? Write about database security issues.
- c) Explain the design principles of Secure Operation Systems?
- d) What is Disaster recovery? What are its impacts on different organization?
- e) Write the uses of Digital Certificates.

**Group - 'C'**

Mark: 20 X 3= 60

*(Answer any three questions each within 500 words)*

- Q. No.3. What is a Desktop Computer?? What are the policies on securing desktop computers?
4. Define Operating System Security. What are the mechanisms employed to ensure operating system security?
  5. What do you mean by System Threats? Explain different system threats?
  6. What do you mean by Operating System Vulnerability? Name the most Common Operating Systems Vulnerabilities.
  7. Mention the objectives of computer forensics? Write the role of a forensics investigator.
  8. What is IT Security? What are the common criteria of Evaluation of IT Security?