

Term End Examination - June, 2017
Diploma in Cyber Security
DCS-05: SYSTEM APPLICATION SECURITY
(2015 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 are the desktop security threats?
 - b) What are the tips to make your personal computer secured?
 - c) How can you classify the programming bugs?
 - d) What is a Trojan horse? What are different types of Trojan horse?
 - e) Mention the requirements for database security
 - f) Mention the factors that can make the data sensitive.
 - g) What is a Program threat? List and explain some well-known program threats.
 - h) What do you mean by System Threats? Explain different system threats?

Group - 'B'

Mark: 10 X 2= 20

(Answer any two questions each within 250 words)

- Q. No. 2
- a) Discuss the different desktop security policies.
 - b) Discuss the different Steps for basic Linux Desktop Security in briefly.
 - c) Define Bugs. Discuss the different categories of Bugs in briefly.
 - d) As a database security profession suggest the points to keep your database secured.
 - e) Discuss the most common operating systems vulnerabilities in brief.

Group - 'C'

Mark: 20 X 3= 60

(Answer any three questions each within 500 words)

- Q. No.3. Define Threats. Discuss the different system access threats in briefly.
- Q.No.4. Discuss the different types of malicious codes in brief.
- Q.No.-5. Discuss different types of information security policies in brief.
- Q.No.6. Name and explain the computer based database security counter measures.
- Q.No.7. Discuss the different uses of Operating System Security Model?
- Q.No.8. What do you mean by secured operating system? Write the requirements of secured operation systems.