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Term End Examination – December, 2017
Program Title: Diploma in Cyber Security
Course Title: APPLICATION CYBER SECURITY
Course Code: DCS-04
(Session 2016-17)

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' Marks: $5 \times 4 = 20$

(Answer any four questions each within 100 words)

Q.No.1.

- a) What are impacts of programming bugs?
- b) What is a malicious code?
- c) What do you mean by computer security?
- d) What do you mean by Secure Operation Systems?
- e) Write the steps of Disaster Recovery planning methodology.
- f) What do you mean by security audit?

Group 'B'

Marks: $10 \times 2 = 20$

(Answer any two questions each within 250 words)

Q.No.2

- a) Classify the programming bugs. What are impacts of programming bugs?
- b) What is threat? Mention the ways of ensuring physical security to a desktop.
- c) Why DRP is important? Write its benefits.
- d) What are the benefits of ISO27001 Information Security Management?
- e) What are different approaches to Cyber Security Solution?

Group 'C'

Mark: $20 \times 3 = 60$

(Answer any three questions each within 500 words)

Q.No.

3. What is a Trojan horse? What are different types of Trojan horse?
 4. What do you mean by sensitive data? Mention the factors that can make the data sensitive.
 5. Define Operating System Security. What are the mechanisms employed to ensure operating system security?
 6. What do you mean by System Threats? Explain different system threats?
 7. What do you mean by secured operating system? Write the requirements of Secured Operation Systems.
 8. What are the common criteria of Evaluation of IT Security and explain it?
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