

**Term End Examination - June, 2017**  
**Diploma in Cyber Security**  
**DCS-05: NETWORK 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 × 4 = 20

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

Q. No. 1

- a) What are different web authentication techniques?
- b) What do you mean by email spamming?
- c) Write a short note on Cookies.
- d) How can you make sure that your web browser is secured?
- e) What do you mean by wireless network security?
- f) Why do you secure your Web Browser?
- g) What do you mean by e-commerce security?

**Group - 'B'**

Mark: 10 × 2 = 20

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

Q. No. 2

- a) Discuss the classification of network security threats.
- b) What do you mean by E-Mail? What are the advantages and disadvantages of E-Mail?
- c) Name the types of E-commerce authentication techniques.
- d) What are the advantages and disadvantages of e-commerce?
- e) What is hardware based firewall? When and where to implement hardware based firewall?

**Group - 'C'**

Mark: 20 × 3 = 60

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

Q.No.3. What is a SQL Injection. How SQL Injection works? Explain in detail.

Q.No.4. What do you understand by firewalls? What are different types of firewalls?

Q.No.5 Discuss different types of Network Security attacks.

Q.No.6. Explain the Web Application architecture with a diagram. What are the security issues in web application?

Q.No.7. What do you mean by browser security? What are the risks involved with different features of web browsers?

Q.No.8. Explain the use of the different components in wireless networks.