Term End Examination – December, 2017
Program Title: Diploma in Cyber Security
Course Title: NETWORK CYBER SECURITY
Course Code: DCS-05
(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'   Mark: 5 ×4= 20

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

Q. No. 1

a) Define a network security Model.
b) What do you mean by email spamming?
c) Write a short note on Cookies.
d) How can you identify that a website 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) Explain different types network security attacks.
b) Write the pros and Cons of E-Mail applications.
c) Differentiate between hardware based and software based firewalls.
d) What is a Public Key Infrastructure (PKI)? Name its components.
e) What is a network IPS and how it is different from IDS?

Group -'C'   Mark: 20 × 3= 60

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

Q.No.3. What are the applications of E-Mail? Explain the protocols used in E-Mail systems.

Q.No.4 Discuss about the common attacks on Web Applications.

Q.No.5 What is an Intrusion Detection System? Discuss different types of Intrusion Detection systems?

Q.No.6 Discuss about different wireless network components used in wireless networks.

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

Q.No.8 Explain the 2-Tier and 3-Tier Web Application architecture with a diagram.