

**Term End Examination – June, 2017**  
**Diploma in Cyber Security**  
**DCS-04: SECURITY MANAGEMENT (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'**

[5 × 4= 20]

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

Q. No. 1 Write notes on the following

- a) Mobile security
- b) Ethical hacking
- c) Security audit
- d) Disaster recovery
- e) Physical security
- f) Web Browser
- g) Email Security

**Group 'B'**

[10 × 2= 20]

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

Q. No. 2

- a) What do you mean by Cyber Security? Explain in brief.
- b) What are the International Standards maintained for cyber security?
- c) How your browser can be set for secure communication?
- d) What do you mean by mobile security? How it can be achieved?
- e) What precaution should be taken to save your system from disaster? How it can be recovered from disaster?

**Group 'C'**

[20 × 3= 60]

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

Q.No.3. Explain about the Information Technology Act 2000.

4. How your email can be secure? Explain with a specific email service.
5. What do you mean by ethical hacking? Explain its importance.
6. How your browser can be made secure? Explain with an example of a specific web browser.
7. What do you mean by security audit? Why it is essential? How it is done?
8. Write the international standards for cyber security.