

**Goa Vidyaprasarak Mandal's
Gopal Govind Poy Raiturcar College Of Commerce and Economics
Ponda-Goa**

B.Com. (Semester - II) Examination, April 2017

INFORMATION TECHNOLOGY

Duration: 2 hours

Marks: 80

Instructions: 1.All questions are compulsory.
2. Draw diagrams wherever necessary.

Q.1 Write short notes on **any four** of the following : (4x4=16)
A. Virus
B. Copyright Infringement
C. Cyberstalking
D. Disclosure of Information
E. Social engineering attack

Q.2 Answer **any four** of the following : (4x4=16)
A. State and explain the different LAN topologies.
B. What are the functions performed by CERT?
C. Give the full forms of the following:
i.IPR ii.SMTP iii.NIC iv.HTML
D. What is the importance of social networking?
E. Give examples of sensitive personal information.

Q.3 A. Explain what is an Insider attack with a case study. (6)
B. Explain Section 43 and 43A of IT Act 2000. (6)

OR

Q.3 X. Why is IPR required for domain names? Explain. (6)
Y. What do mean by Computer Forensics? Who are its users? (6)

Q.4 A. Explain what is DoS and DDoS attack. (6)
B. What is Cyber Terrorism? Give one example. (6)

OR

Q.4 X. How will you protect your personal and work related data? (6)
Y. Describe the BYOD threat. (6)

Q.5 A. Convert the following IP addresses into Binary form and identify their Class, network address and host address.
i.202.145.34.123
ii.86.156.101.15 (6)
B. State and explain any two types of Malware. (6)

OR

Q.5 X. Convert the following IP addresses into Decimal form and identify their Class, network address and host address.
i. 01110101.10111001.10001011.10001101
ii. 11000010.11010111.11001001.11101101 (6)
Y. What is media sanitization? Explain with techniques. (6)

Q.6 A. State and describe Computer related offences. (6)
B. Explain the forensic procedure. (6)

OR

Q.6 X. Define Cyber Crime. State any 5 measures to prevent cyber crimes. (6)
Y. Explain the section 65 and section 67 of the IT Act 2000. (6)

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