

Goa Vidyaprasarak Mandal's
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND
ECONOMICS, PONDA-GOA
B.COM. (SEMESTER – II) EXAMINATION, APRIL 2016
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. Phishing.
B. DDoS attack.
C. Software patent.
D. Privacy policy.
E. Social networking.

Q.2 Answer any four of the following : (4x4=16)
A. What are the deficiencies in the IT Act 2000.
B. State and explain the different LAN topologies.
C. Give the full forms of the following:
i.CERT ii.ISP iii.IMAP iv.DHCP
D. What are the uses of social networking?
E. State the issues related to Disclosure of information.

Q.3 A. Why is IPR required for domain names? Explain. (6)
B. What is a Reconnaissance attack? (6)

OR

Q.3 X. What are the ways to choose a good password? (6)
Y. What are the three main steps in Forensic investigation? (6)

Q.4 A. How do you secure the employees' devices in BYOD environment? (6)
B. What is Cyber Warfare. Explain with two examples. (6)

OR

Q.4 X. How will you protect yourself and your data on social networking sites. (6)
Y. Explain ID theft with a case study. (6)

Q.5 A. Convert the following IP addresses into Binary form and identify their class, network address and host address.
i.190.45.89.46
ii.56.88.11.25 (6)
B. What is media sanitization? Explain with techniques. (6)

OR

Q.5 X. Convert the following IP addresses into Decimal form and identify their class, network address and host address.
i.11010101.01111001.10111011.11101101
ii.10000111.11110011.11001101.01001101 (6)

Y. State and explain any two types of Malware. (6)

Q.6 A. Describe issues of cyber offences related to confidentiality, integrity and availability of computer data and system. (6)
B. What is Computer Forensic software? Explain with two examples. (6)

OR

Q.6 X. State and explain any 6 cyber crimes against persons. (6)
Y. Explain the section 65 and section 66 of the IT Act 2000. (6)
