

Goa Vidyaprasarak Mandal's
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND
ECONOMICS, PONDA-GOA
B.COM. (SEMESTER-II) SUPPLEMENTARY EXAMINATION,
(New Course) MAY/JUNE 2019
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. Cyberstalking.
- B. Privacy Law.
- C. Software patent.
- D. Computer Virus.
- E. Social Engineering.

Q.2 Answer **any four** of the following : (4x4=16)

- A. Give four points of difference between LAN and WAN.
- B. What are the safety measures on social networking sites?
- C. Give the full forms of the following:
i. BYOD ii. CERT iii. NIST iv. SMTP
- D. Explain Section 43A of IT Act 2000.
- E. What are the functions performed by CERT?

Q.3 A. Write a note on Online Privacy and Privacy Laws. (6)

B. Explain Insider threat with a case study. (6)

OR

Q.3 X. Explain the forensic procedure. (6)

Y. Write a note on Cyber War. (6)

Q.4 A. Write a short note on cloning of devices. (6)

B. State and explain any two types of Malware. What are the symptoms of a Malware attack? (6)

OR

Q.4 X. Explain what is ID Theft with an example. (6)

Y. How will you protect yourself and your data on social networking sites? (6)

Q.5 A. Convert the following IP addresses into Binary form and identify their class, network address and host address.

i. 209.114.28.86

ii. 158.105.46.108

(6)

B. Explain DDoS attack with a case study.

(6)

OR

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Q.5 X. Convert the following IP addresses into Decimal form and identify their class, network address and host address.

i. 00111001.11001001.11101011.10010101

ii. 11001010.10010001.10101101.11010101 (6)

Y. Describe Rootkit Virus and Ransomware. (6)

Q.6A. What is media sanitization? Explain with techniques. (6)

B. What are the three categories of Cyber crimes? (6)

OR

Q.6 X. What are the cyber crimes against society at large? (6)

Y. Explain the section 65 and section 67 of the IT Act 2000. (6)

*****ALL THE BEST*****