GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS, PONDA-GOA
B.COM. (SEMESTER-II) EXAMINATION, (New Course)
APRIL 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 <u>**any four**</u> of the following :   (4x4=16)
  A. Worm
  B. Plagiarism
  C. Social Engineering attack
  D. Phishing
  E. DDoS attack

Q.2 Answer <u>**any four**</u> of the following :   (4x4=16)
   A. State and explain the advantages of Computer Networks.
   B. What are the deficiencies in the IT Act 2000?
   C. Give the full forms of the following:
      i.DNS   ii. IPR   iii.SMTP   iv.ISP
   D. What is the importance of social netwotking?
   E. State the issues related to Disclosure of information.

Q.3 A. Explain what is Insider attack with a case study.   (6)
    B. What is Computer Forensics? Who are its users?   (6)
                       OR

Q.3 X. Explain what is Cyber Terrorism with an example.   (6)
    Y.What are the ways to choose a good password?   (6)

Q.4 A. Describe the BYOD threat.   (6)
    B. State and explain any two types of Malware.   (6)
                       OR
Q.4 X.How will you protect your personal and work related data?   (6)
    Y.What are the three main steps in Forensic investigation?   (6)

Q.5 A. Convert the following IP addresses into Binary form and identify their
       class, network address and host address.
       i.213.115.57.112

       ii.178.106.123.25   (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. 11011101.11101011.11101001.11101001

       ii. 01001110.10110111.10011101.11101101   (6)

       Y. Explain what is a Zero day attack.   (6)

                                                          P.T.O.

Q.6 A. What are the symptoms of Malware attack? (6)

 B. Describe issues of cyber offences related to confidentiality,

  integrity and availability of computer data and system. (6)

<div align="center">**OR**</div>

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

 Y. Define Cyber Crime. State any 5 measures to prevent cyber crimes. (6)

<div align="center">********ALL THE BEST********</div>