

**GOVERNMENT COLLEGE OF COMMERCE AND ECONOMICS, BORDA**  
**MARGAO-GOA**

**B.COM (Semester-II) Semester End Examination, April 2019**

**Computer Applications-II**

Duration: 2 hrs

Max. Marks: 60

Instructions: 1. Figures to the right indicate full marks  
2. All questions are compulsory

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- Q. 1 Answer **any four** of the following questions: (4 x 2.5)
- (i) Explain computer virus.
  - (ii) Compare public vs private IP addresses.
  - (iii) Explain the terms cyber-attack and cyber-crime.
  - (iv) Explain HTTP with the help of a diagram.
  - (v) Explain the terms uploading and downloading.
  - (vi) Explain any 3 benefits of computer networking.
- Q. 2 Answer **any four** of the following questions: (4 x 2.5)
- (i) What is electronic signature?
  - (ii) Explain any three guidelines for password protection.
  - (iii) Explain E-forms and their uses.
  - (iv) What are cookies? Why are they used?
  - (v) Give any three advantages of online shopping.
  - (vi) What are digital signatures and why are they used?
- Q. 3 Answer **any two** of the following questions: (2 x 5)
- (i) Explain the different categories (types) of social networking sites.
  - (ii) Explain the working of DNS with a diagram.
  - (iii) Explain the different types of networks.
- Q. 4 Answer **any two** of the following questions: (2 x 5)
- (i) Explain the different types of cyber-attacks.
  - (ii) What are botnets? What do the botnets do?
  - (iii) Explain the working of Advanced Persistent Threat (APT).
- Q. 5 Answer **any two** of the following questions: (2 x 5)
- (i) Explain symmetric key encryption with the help of a neat diagram.
  - (ii) What are the steps to safeguard online shopping security and privacy?
  - (iii) Explain digital certificates.
- Q. 6 Answer **any two** of the following questions: (2 x 5)
- (i) Explain the different categories of evidence.
  - (ii) Explain e-contracts and internet governance in detail.
  - (iii) Explain the issues not covered under ITA and ITAA.

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All the Best

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