

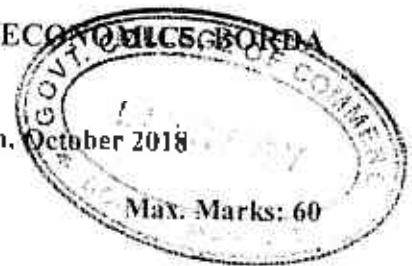
GOVERNMENT COLLEGE OF COMMERCE AND ECONOMICS  
MARGAO-GOA

B.COM (Semester- I) Semester End Examination, October 2018  
GE-1: Computer Applications-I

Duration: 2 Hours

Instructions: 1. Figures to the right indicate full marks.

2. All questions are compulsory



- Q. 1 Answer any four of the following questions: (4x2.5)
- (i) What is Information Technology? Write any two pre-requisites of IT.
  - (ii) What is multimedia? Give the two basic ways to present information.
  - (iii) What are the different multimedia files? Give the formats of each.
  - (iv) Convert  $(110100101010)_2 \rightarrow ( )_{10}$
  - (v) Convert  $(444)_{10} \rightarrow ( )_2$
- Q2. Answer any four of the following questions: (4x2.5)
- (i) What is cloud computing? Explain any two types of cloud computing.
  - (ii) Give any one advantages of m-commerce and any one disadvantages of m-commerce.
  - (iii) What is big data? Give any two applications of big data.
  - (iv) Explain analytics and give any one example.
  - (v) Explain any two advantages of doing online transactions.
- Q3. Answer any two of the following questions: (2x5)
- (i) State and explain the career opportunities available in IT industry.
  - (ii) Explain the different types of soft-wares with examples.
  - (iii) What is software piracy? Give any four solutions on how it can be avoided.
- Q4. Answer any two of the following questions: (2x5)
- (i) Give any 5 principals of animation.
  - (ii) Explain the various applications of multimedia.
  - (iii) Explain what are live and recorded multimedia presentations.
- Q5. Answer any two of the following questions: (2x5)
- (i) Explain any 5 key elements of a business model.
  - (ii) Explain B2B and B2C business models with appropriate diagrams.
  - (iii) Explain in detail the different e-payment methods.
- Q6. Answer any two of the following questions: (2x5)
- (i) Explain the advantages and disadvantages of cloud computing.
  - (ii) Explain the process of data mining.
  - (iii) Explain mobile computing giving any 3 examples.

All the best