

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

B.COM (Semester- III) Semester End Examination, October 2018

GE: Computer Applications for Business-I

Duration: 1 1/2 Hours

Max. Marks: 40

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

- Q. 1 Answer any four of the following questions:** (4x2)
- (i) Explain data forecasting with an example. Explain the forecast function in MS Excel.
 - (ii) Explain any two advantages of computers in data processing.
 - (iii) List the advantages of sequential files in file organization.
 - (iv) Explain any two pre-requisites of effective MIS.
 - (v) Explain manual data integration.
 - (vi) Write the following formulae in Excel format: $\sqrt{25^2 - 24^2} - 3$ and $\frac{4 \times 100^2}{20^3}$
- Q2. Answer any four of the following questions:** (4x2)
- (i) Explain visualization with the help of an example.
 - (ii) Define primary key. Give appropriate example to support your answer.
 - (iii) Define big data. What are the three primary factors that characterize big data?
 - (iv) Explain any two applications of DBMS.
 - (v) Explain analytics and give any one example.
 - (vi) What is a Database Management System? Give examples.
- Q3. Answer any one of the following questions:** (6)
- (i) Explain in detail the stages of data processing cycle with a neat diagram.
- OR
- (i) Explain the three different types of information systems in an organization with a neat diagram.
- Q4. Answer any one of the following questions:** (6)
- (i) Explain in with diagrams what are the different charts and graphs available in MS Excel.
- OR
- (i) Explain the following spreadsheet concepts with examples: cell, autofill, formula.
- Q5. Answer any one of the following questions:** (6)
- (i) Explain the four main types of queries with suitable examples.
- OR
- (i) Draw an Entity Relationship diagram for a College management system.
- Q6. Answer any one of the following questions:** (6)
- (i) Explain the data mining process in detail with a neat diagram.
- OR
- (i) Explain various applications of business analytics.

All the best