

No. of Questions : 10]

[Total No. of Printed Pages : 3

**ter of Commerce Ist Semester (0501)  
Examination**

**3807**

**IT APPLICATIONS IN COMMERCE**

**(For USOL Candidates only)**

**Paper : M.C.-107 A**

**e: 3 Hours]**

**[Maximum Marks : 80**

**e :-** Attempt *five* questions in all, selecting at least *one* from each Unit.

**Unit-I**

Define Information Technology (IT). Describe the role of IT in various areas of commerce. What are the positive and negative effects of e-Commerce ? 16

What is management science ? Explain its contributions and limitations. Discuss various techniques of management science. 16

What are the components of a business model ?

Explain the business model which implements a Management Information System (MIS). 16

## Unit-II

4. How is spreadsheet software ideal for 'what-if' kind of analysis ? Explain the purpose of any *five* types of financial functions available in MS-EXCEL by taking appropriate examples.
5. Create the EXCEL worksheet of your class mates with the following columns :  
Roll, Name, Age in years, Sex-Code (M/F)
- How will you do the following for only those students whose age is  $> 17$  ?
- (i) Count number of students
  - (ii) Find total of all ages
  - (iii) Find average age
  - (iv) Find maximum and minimum age

## Unit-III

6. What is the importance of "scenario" ? Write the step-by-step procedure for creating Scenario in MS-EXCEL. Explain with an example.
7. "MS-Excel is a powerful software tool for building decision models and analyzing data". Justify the statement.

Explain the following in the context of MS-EXCEL with examples :

- a) Analyzing Financial Statements
- b) Break-even analysis

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#### **Unit-IV**

Describe the need, propose and functions of Data Base Management System (DBMS). What is the need of database normalization in Relational DBMS ? 16

Write short notes on :

- a) Data warehousing
- b) SQL

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