

**NEW SYLLABUS --APPLICABLE FROM JULY 2024 SESSION**

**M.COM SEMESTER-II**

**(MCMM21201T): COMPUTER APPLICATIONS IN BUSINESS**

**MAX. MARKS: 100**

**EXTERNAL: 70**

**INTERNAL: 30**

**PASS: 40%**

**Credits:6**

**Objective:** To provide computer skills and knowledge for commerce students and to enhance the student understands of usefulness of information technology tools for business operations.

**INSTRUCTIONS FOR THE PAPER SETTER/EXAMINER:**

1. The syllabus prescribed should be strictly adhered to.
2. The question paper will consist of three sections: A, B, and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. The candidates will attempt two questions from each section.
3. Section C will have fifteen short answer questions covering the entire syllabus. Each question will carry 3 marks. Candidates will attempt any ten questions from this section.
4. The examiner shall give a clear instruction to the candidates to attempt questions only at one place and only once. Second or subsequent attempts, unless the earlier ones have been crossed out, shall not be evaluated.
5. The duration of each paper will be three hours.

**INSTRUCTIONS FOR THE CANDIDATES:**

Candidates are required to attempt any two questions each from the sections A and B of the question paper and any ten short questions from Section C. They have to attempt questions only at one place and only once. Second or subsequent attempts, unless the earlier ones have been crossed out, shall not be evaluated.

**SECTION A**

**Computer Fundamentals**

**Unit -1** Introduction to Computer, Windows Operating System

**Unit -2** MS Word and MS PowerPoint

**Unit-3** Electronics Spread sheets: Excel

## **Application of Computer in Business**

### **Unit-4 Graphs and Chart**

Introduction, Understanding Financial Graphs, Graph and Chart-Pie chart, Series Chart, Line and area Chart, Column Chart, Bar Chart Variation; Apply Chart Layout. PivotTable, Performing Statistics measures in Pivot Table, To Create a Pivot Table from Multiple Sheets, Pivot Chart, Pivot Chart Vs Table.

## **SECTION B**

### **Management Information System**

**Unit-5** Management Information system, Applications of MIS: Marketing, Financial, Production, Personnel and MIS Issues and Challenges

### **Artificial Intelligence (AI) and its Applications in Business**

**Unit-6** Fundamentals of Artificial Intelligence, Definition and Scope of AI , Evolution and History of AI, Types of AI: Narrow AI, General AI, and Super AI, Core Components of AI

**Unit-7** Application of Artificial Intelligence in Business, Challenges in AI Implementation

### **Database Management System and Decision Support System**

**Unit-8** Introduction of Database Management

**Unit-9** Decision Support Systems: Concepts, components and features of Decision Support Systems, MIS vs. DSS, Tools and Models for decision support, Group Decision support system

**Unit-10** Accounting System using Database Management System

### **Suggested Reading:**

1. Hunt, R., J. Shelley, *Computers and Commonsense*, Prentice Hall of India.
2. Sinha, Pradeep K. and Preeti Sinha, *Foundation of Computing*, BPB Publication.
3. Saxena, Sanjay, *A First Course in Computers*, Vikas Publishing House.
4. Leon A. & Leon M., *Introduction to Computers*, Leon Vikas Publications
5. N. Subramanian, *Introduction to Computers*, Tata McGraw-Hill.
6. Peter Nortorn, *Introduction to Computers*, Seventh Edition



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