

**2 0 2 1**

( July )

COMMERCE

( Honours )

**( Information Technology in Business )**

( BC-203 )

( Under Revised Syllabus )

*Marks : 75*

*Time : 3 hours*

*The figures in the margin indicate full marks  
for the questions*

1. (a) Explain the role of information technology. 4
- (b) What are the limitations of information technology? 3
- (c) Write a short note on assembler. 3

- (d) What are the types of memories available in a computer system? How are they organised in the hierarchy? 5

*Or*

- (a) "Information technology brought revolution in banking." Justify the statement with brief descriptions about the services provided by information technology in banking business. 8
- (b) Distinguish between hardware and software. 4
- (c) What do you mean by worms? 3

2. (a) Discuss the different types of database models in database management system (DBMS). 10
- (b) Describe briefly the role of operating system in a computer. 5

*Or*

- (a) Discuss the roles and responsibilities of a database administrator. 6
- (b) Explain the various types of network topologies with a suitable diagram. 9

( 3 )

3. (a) What do you understand by importing and exporting a file? What types of files can be imported into Excel worksheet? 6
- (b) Explain the following functions of Excel with example :  $1\frac{1}{2} \times 4 = 6$
- (i) SUMIF ()
- (ii) SQRT ()
- (iii) FIND ()
- (iv) MAX ()
- (c) Show the steps involved in naming a range of cells. 3

Or

- (a) The following table gives a month-wise sale figure of five salesmen in rupees :

Salesman	Jan	Feb	March	April
SM001	15,000	17,000	25,000	45,000
SM002	20,000	23,000	55,000	55,000
SM003	25,000	27,000	75,000	65,000
SM004	35,000	35,000	92,000	75,000
SM005	45,000	50,000	1,00,000	85,000

- (i) Calculate the total sales month wise. 1
- (ii) Calculate the total sales made by each salesman. 1

( 4 )

- (iii) Calculate the maximum sales made by the salesman. 1
- (iv) Calculate the commission for each salesman under the following conditions : 2

If total sales > 4,00,000 give 5% commission on total sales made by the salesman

Otherwise give 2% commission

- (b) What is the difference between formulas and functions? Show the steps involved in inserting functions. 5
- (c) Describe any two types of charts with a suitable diagram.  $2\frac{1}{2} \times 2 = 5$

4. (a) Explain briefly the usage of Internet to society. 5
- (b) Discuss briefly the different ways to connect computer with the Internet. 4
- (c) Define the following terms :  $2 \times 3 = 6$
- (i) EDI
- (ii) Modem
- (iii) FTP

( 5 )

*Or*

- (a) Define Internet. How does it differ from intranet? 2+3=5
- (b) What is meant by Web browser? Give examples of at least three Web browsers. 2+3=5
- (c) What is e-mail header? What does it contain? Explain. 2+3=5
5. (a) Describe the pros and cons of online shopping. 5
- (b) Explain briefly the advantages of e-commerce over traditional commerce. 5
- (c) Explain the features required of a B2B platform for e-commerce. 5

*Or*

- (a) Compare banner swapping and banner exchange. 5
- (b) Write a short note on plastic money and its types. 2+3=5
- (c) What are the major types of e-marketing? What are the advantages of e-marketing? 2+3=5

★ ★ ★