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(May/June)

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

UNIT—I

1. *(a)* What is the difference between data and information? Describe the role of information in business.   3+5=8

   (b) Briefly describe the different components of a computer system with a block diagram.   7

(Turn Over)

Or

(a) What is meant by Information System? How are Information System and Information Technology related to each other? Briefly describe the limitations of Information Technology. 2+4+4=10

(b) Write a short note on worms in a computer system. 5

UNIT—II

2. (a) What is meant by an operating system? What are its functions? Briefly describe. 2+6=8

(b) State the needs of a Database Management System (DBMS). 4

(c) Write a short note on network topology. 3

Or

(a) What are the different responsibilities of a Database Administrator (DBA)? Briefly state them. 5

(b) Briefly describe the different types of operating systems. State their advantages and disadvantages. 4+6=10

UNIT—III

3. (a) What is the use of VLOOKUP function? Explain the difference between COUNT, COUNTBLANK and COUNTA. 3+6=9

(b) What is the need of a chart in Excel? Write down the different ways of organizing chart in Excel. 2+4=6

Or

Consider the following data as shown in electronic spreadsheet :

	A	B	C	D	E	F	G	H
1.	EmpID	Category	Name	Basic	DA	HRA	Gross	Net
2.								
3.								

M/s. Beta Ltd. pays to its employees the salary based on Basic Pay. The gross salary of an employee consists of Basic Pay, Dearness Pay (DP) and House Rent Allowance (HRA). The components of salary are computed according to the following terms of service contract. Dearness Allowance is paid @10% of basic pay subject to a maximum of ₹ 5,400. HRA is computed as per the following scale :

Category	HRA
A	25%
B	30%
C	35%

(a) Write down the formula for the DA, HRA and Gross.   3+4½+1½=9

(b) If income tax deduction is at the rate of 10% for Category–A employee, 20% for Category–B employee and 30% for Category–C employee, write down the formula for net pay.   6

UNIT—IV

4. (a) Define Internet and Intranet. With a suitable diagram, briefly explain the anatomy of wired Internet structure.   4+6=10

(b) How is Internet useful to a society? Briefly describe its possible dis-advantages also.   2+3=5

Or

(a) What is meant by metasearch engine? Give some examples of metasearch engine. Describe its working principle.   2+3+5=10

(b) Write a note on Net etiquette.   5

UNIT—V

5. (a) What is meant by E-Commerce? How does it differ from traditional commerce?   2+3=5

(b) Describe different business models of E-Commerce. Give suitable example for each of them.   10

Or

(a) What is E-Payment? Highlight the different security aspects of E-Payment.   2+6=8

(b) What is the need of Online Marketing? Discuss Online Marketing Analysis and different issues related to it.   2+5=7

★ ★ ★