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(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. *(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 : 1½×4=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

   (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. 2½×2=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 : 2×3=6

   (i) EDI

   (ii) Modem

   (iii) FTP

   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

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