

2/H-76 (v) (b) (Syllabus-2015)

2 0 1 7

(April)

COMMERCE

(Honours)

(Information Technology in Business)

(BC-203)

Marks : 75

Time : 3 hours

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

1. (a) What is the role of computer in information technology? What are the limitations of information technology? 4+3=7
- (b) Differentiate between Microcomputer and Supercomputer. 4
- (c) What are the characteristics of computer? 4

Or

- (a) Write notes on primary memory and firmware. 4+3=7
- (b) Differentiate between the following : 4+4=8
- (i) System Software and Application Software
- (ii) Linkers and Loaders

(2)

2. (a) What are the functions of operating systems? Briefly discuss on different types of operating systems. 4+3=7
- (b) What is Network? Discuss on different types of network topologies. 2+6=8

Or

- (a) Write notes on LAN (Local Area Network) and WAN (Wide Area Network). 3+3=6
- (b) What are the roles and responsibilities of a database administrator? 5
- (c) What is device driver? What are the functions of a device driver? 2+2=4

3. Consider the following data as shown in a spreadsheet :

	A	B	C	D	E	F	G	H	I
1	Sl. No.	Emp. Name	Basic Salary	DA	HRA	Medical Allowance	Gross	EPF	Net Salary
2	1	AAAA	12,250						
3	2	BBBB	18,950						
4	3	XXXX	22,150						
5	4	YYYY	10,750						
6	5	MMMM	16,550						
7	6	KKKK	14,450						
8									

Write down the formulas for calculating the following in a spreadsheet :

- (a) DA—75% of Basic Salary 2

(3)

- (b) HRA will be calculated as follows : 2+2=4
- (i) Basic Salary up to ₹ 12,000, HRA will be 25% of Basic Salary
- (ii) Basic Salary more than ₹ 12,000, HRA will be 40% of Basic Salary

- (c) Medical allowance—20% of Basic Salary 2
- (d) Gross salary of each employee 2
- (e) EPF will be deducted 12% of Basic Salary subject to a maximum of ₹ 15,000 2
- (f) Net salary of each employee 3

Or

- (a) What is the usefulness of chart in a spreadsheet? Describe any one type of chart with an example. 3+3=6
- (b) Explain the following functions of Excel : 2+2=4
- (i) countif()
- (ii) int()
- (c) What is Advanced Filter? Explain the steps involved in filtering the data with suitable example. 2+3=5

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(Continued)

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(Turn Over)

4. (a) Define Internet. What are the differences between Internet and Intranet? 2+5=7
- (b) What is meant by Web browser? Give examples of at least three Web browsers. How do they differ from Web server? 3+2+3=8

Or

- (a) Define the following terms : 2½×4=10
- (i) URL
- (ii) Modem
- (iii) WWW
- (iv) Internet Protocol
- (b) What is E-mail header? What does it contain? Explain. 2+3=5

5. (a) What is E-commerce? State the advantages of E-commerce over traditional commerce. 2+4=6
- (b) Briefly describe the different modes of E-payment in E-commerce. 5
- (c) Write a short note on E-marketing. 4

Or

- (a) Discuss the different business models for E-commerce. 10
- (b) Write a short note on E-advertising. 5
