2/H–76 (v) (b) (Syllabus–2015)

2 0 1 9

(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 do you mean by information technology? Mention the important components of information technology.

    2+3=5

    (b) What are system software and application software? Give an example of each. (2+2)+(½+½)=5

    (c) Discuss different types of computer viruses. 5

    Or

    (a) What do you mean by data, information and information system? 2+2+2=6

(2)

(b) "Information technology is an important enabler of today's business." Justify the statement. 5

(c) Mention the functions of linker and loader in a computer system. 4

2. (a) Explain the major functions of an operating system. 5

(b) What do you mean by table, record and field in database? Explain. 6

(c) Distinguish between Local Area Network (LAN) and Wide Area Network (WAN). 4

Or

(a) Mention the advantages and disadvantages of Windows and Linux operating systems. 5

(b) What kind of network software and network hardware do we need to connect a machine to the Internet? Explain. 5

(c) Discuss the importance of Database Management System (DBMS) in business. 5

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(Continued)

(3)

3. (a) Specify the order of operations used for evaluating formulas in Excel. 3

(b) Discuss the following Excel functions with an example of each : 1½×4=6

(i) SQRT ( )

(ii) IF ( )

(iii) SUM ( )

(iv) VLOOKUP ( )

(c) Consider the following data as shown in a spreadsheet :

	A	B	C	D	E
1	Items	Last Month's Sale (#)	Available Quantity (#)	Buying Cost (Unit) (in ₹)	Selling Price (Unit) (in ₹)
2	A	100	10	450	500
3	B	200	50	500	600
4	C	300	200	340	400
5	D	400	0	150	200
6	E	500	100	90	100

Write Excel formula to do the following : 2×3=6

(i) Calculate the total quantity sold in the last month.

(ii) Determine the items with minimum and maximum demands.

(iii) Calculate the total sale of last month in terms of rupees (₹).

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(Turn Over)

Or

(a) What are the data formats available in spreadsheet? 3

(b) Discuss the following Excel functions with an example of each : 1½×4=6

　(i) COUNTIFS

　(ii) AND

　(iii) RAND

　(iv) DATEVALUE

(c) Considering the datasheet given in Question No. 3 (c). Write Excel formula to do the following : 2+4=6

　(i) Total number of items available in the stock.

　(ii) Calculate total profit of last month.

4. (a) Define Internet. Discuss the different shortcomings of Internet. 5

(b) Briefly discuss the different basic Internet terminologies. 4

(c) Discuss the different types of search engines with respect to their working principles. 6

Or

(a) Define the following terms : 2×4=8

　(i) Uniform Resource Locator (URL)

　(ii) IP Address

　(iii) Port Number

　(iv) Firewall

(b) What are the different protocols used in Internet? 3

(c) Mention some important Internet etiquettes. 4

5. (a) Compare traditional commerce and e-commerce. 5

(b) Discuss different methods of Electronic Fund Transfer (EFT). 5

(c) What is the importance of online marketing in today's context? Explain. 5

Or

(a) Discuss the advantages and disadvantages of e-commerce. 5

(b) Explain the different ways of electronic advertizing. 5

(c) Distinguish between e-commerce and m-commerce. 5

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