

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

2019

(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)+(1/2+1/2)=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

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(Turn Over)

(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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(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 : 1 1/2*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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(4)

Or

- (a) What are the data formats available in spreadsheet? 3
- (b) Discuss the following Excel functions with an example of each : 1 1/2*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

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(5)

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

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