

2018

(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) Define Information Technology. Discuss on the limitations of Information Technology in brief. 2+3=5

(b) Explain the role of Information Technology in today's business. 5

(c) Discuss on various types of memories used in a computer system. 5

Or

(a) What is the importance of hardware, firmware and software in a computer system? Explain. 3+3+3=9

(b) What do you mean by information system? Mention the important components of an information system. 2+4=6

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(Turn Over)

(2)

2. (a) What is the role of operating system in a computer system? Mention the major types of operating systems available. 4+3=7

(b) What are the advantages and disadvantages of maintaining data in a file and a database? 4+4=8

Or

(a) Briefly explain the major functions of an operating system. 6

(b) Discuss on different network topologies. 9

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

A	B	C	D	E	F	G	H	I	J
Sl. No.	Name	S ₁	S ₂	S ₃	Q ₁	Q ₂	Q ₃	Att.	Total
1	A	25	05	30	8	5	8	0	
2	B	20	10	20	7	5	8	6	
3	C	15	15	10	6	7	4	8	
4	D	10	20	0	3	8	5	10	
5	E	05	25	15	2	5	6	10	

S → Sessional
 S₁ → Sessional-1
 S₂ → Sessional-2
 S₃ → Sessional-3
 Q → Quiz
 Q₁ → Quiz-1
 Q₂ → Quiz-2
 Q₃ → Quiz-3
 Att. → Attendance

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(Continued)

(3)

Marks obtained by a group of students in Sessional test, Quiz test and Attendance are shown in the above format.

(a) Find out the best two Sessional marks out of the three available. 2

(b) Calculate the average of Quiz marks. 2

(c) Calculate the total marks acquired by a student considering average of the best two sessionals, average quiz and attendance marks. The marks shall be presented out of 100. 3

(d) Assign grades to students using the following rules : 4

Marks	Grade
$80 \leq M \leq 100$	Distinction
$60 \leq M < 80$	First Class
$M < 60$	Pass

(e) Calculate the number of students who have acquired less than 50% marks. 4

Or

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

(i) Countifs

(ii) OR

(iii) NOW

(iv) FIND

(b) What are the different ways to refer a cell? Explain. 4

(c) Discuss in brief on organizational chart. 5

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(Turn Over)

(4)

4. (a) What are Internet and World Wide Web (WWW)? Explain. 2+2=4

(b) Write short notes on the following : 2½+2½=5

(i) Web browser

(ii) Web site

(c) How does a web search engine work? Explain. 6

Or

(a) What is Internet protocol? Name some commonly used Internet protocols. 2+4=6

(b) Define the following terms : 3×3=9

(i) Web server

(ii) Firewall

(iii) Uniform Resource Locator (URL)

5. (a) What are the impacts of e-commerce in today's business paradigm? 6

(b) Discuss different e-payment systems used in e-commerce. 9

Or

(a) Mention the advantages and disadvantages of e-commerce over traditional commerce. 5

(b) Discuss different types of e-advertisement method. 5

(c) What are the major types of e-marketing? What are the advantages of e-marketing? 3+2=5

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