

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

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

(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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(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 : $1\frac{1}{2} \times 4 = 6$

(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)

(Continued)

4. (a) What are Internet and World Wide Web (WWW)? Explain. $2+2=$
- (b) Write short notes on the following : $2\frac{1}{2}+2\frac{1}{2}=\mathbf{5}$
- (i) Web browser
 - (ii) Web site
- (c) How does a web search engine work? Explain.

Or

- (a) What is Internet protocol? Name some commonly used Internet protocols. $2+4=$
- (b) Define the following terms : $3\times 3=$
- (i) Web server
 - (ii) Firewall
 - (iii) Uniform Resource Locator (URL)
5. (a) What are the impacts of e-commerce in today's business paradigm?
- (b) Discuss different e-payment systems used in e-commerce.

Or

- (a) Mention the advantages and disadvantages of e-commerce over traditional commerce.
- (b) Discuss different types of e-advertisement method.
- (c) What are the major types of e-marketing? What are the advantages of e-marketing? $3+2=$