

2/H-76 (v) (b) (Syllabus-2019)

2 0 2 2

(May/June)

COMMERCE

(Honours)

(**Information Technology in Business**)

(BC-203)

(Under Revised Syllabus)

Marks : 75

Time : 3 hours

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

1. (a) What is meant by information? What is the role of information in business? Discuss on different types of information. 2+2+3=7
- (b) Distinguish between primary memory and secondary memory. 4
- (c) Write short notes on linkers and loaders. 2+2=4
- Or*
- (a) Define information system. Mention the important components of an information system. 2+4=6
- (b) Explain briefly the meaning of compiler with example. 4

(2)

- (c) Discuss on different types of computer viruses. 5
2. (a) What is Database Management System (DBMS)? Discuss the benefits of using Database Management System (DBMS).
2+7=9
- (b) Write notes on LAN, MAN and WAN.
2+2+2=6
- Or
- (a) Discuss briefly the different types of operating system. 9
- (b) What do you mean by record, field and table in database? 2+2+2=6
3. (a) Explain the terms 'absolute reference' and 'relative reference' with examples.
3+3=6
- (b) Explain the following functions of Excel with an example for each : $1\frac{1}{2} \times 4 = 6$
- (i) DATE()
- (ii) COUNTIF()
- (iii) PMT()
- (iv) MIN()
- (c) What are the data formats available in Spreadsheet? 3
- Or
- (a) What is advanced filter? Explain the steps involved in filtering the data with suitable example. 2+3=5

(3)

- (b) Describe briefly the usefulness of chart in Spreadsheet. 4
- (c) Consider the following marks statement as shown in Spreadsheet :

	A	B	C	D	E	F	G	H
1.	Roll No.	Name	BECO	IFS	ITB	Total	Percentage	Results
2.	C001	AAA	18	24	30			
3.	C002	BBB	75	79	92			
4.	C003	CCC	52	58	64			
5.	C004	DDD	40	44	48			
6.	C005	EEE	59	65	68			

Write down the formulas for calculating the following : $1+1+(1 \times 4) = 6$

- (i) Total marks of each student
- (ii) The percentage of marks of each student
- (iii) The results of each student assuming the following conditions :
- If percentage < 30, then result "Fail"
- If percentage ≥ 30 but < 45, then result "Simple Pass"
- If percentage ≥ 45 but < 60, then result "Second"
- If percentage ≥ 60 , then result "First"

4. (a) What do you mean by Search Engine? How does it work? 2+4=6

(4)

(b) Write the meaning of Internet protocols. Describe briefly any two protocols used on the Internet. $2+2+2=6$

(c) How does Web server differ from Web browser? 3

Or

(a) What is Net Etiquette? Explain briefly the five basic rules of Net Etiquette. $2+5=7$

(b) Define the following terms : $2 \times 4 = 8$

(i) Gateway

(ii) URL

(iii) Firewall

(iv) Encryption

5. (a) Describe the following e-commerce models : $2 \times 5 = 10$

(i) Business-to-Consumer (B2C)

(ii) Business-to-Government (B2G)

(iii) Peer-to-Peer (P2P)

(iv) Consumer-to-Administration (C2A)

(v) Direct-to-Consumer (D2C)

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

Or

(a) Describe briefly the different modes of e-payment in e-commerce. 9

(b) Discuss the different types of e-advertisement method. 6

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