



WEST BENGAL STATE UNIVERSITY

B.Com. General Part-II Examination, 2021

INFORMATION TECHNOLOGY AND ITS APPLICATION IN BUSINESS

PAPER: ITBG-I

Time Allotted: 2 Hours

Full Marks: 50

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.
All symbols are of usual significance.*

MODULE-I

[Marks-30]

Question no. 7 is compulsory and answer any *two* questions from Question No.1 to 3 and another *two* questions from Question No. 4 to 6

1. (a) (i) What is computer based information system? 2+2
(ii) State the features of information technology.

OR

- (b) (i) Explain with the help of diagram the data processing cycle. 2+2
(ii) What is DSS?

2. (a) (i) Differentiate between internet and extranet. 2+2
(ii) What is FTP?

OR

- (b) (i) Write short note on MODEM. 2+2
(ii) What is URL?

3. (a) What is spyware? 2+2
(b) What is virus?

4. (a) (i) What is BCD code? 2+2+2+2
(ii) 1 kb =? byte.
(iii) Subtract $(876)_8$ and $(725)_8$.
(iv) Find the binary equivalent of $(30.375)_{10}$.

OR

- (b) (i) Convert $(EF92)_{16}$ into binary number. 3+3+2
(ii) Draw a block diagram to represent NOR logic gate of two inputs, x and y .
(iii) What are the binary representations of $+(8)_{10}$ and $-(8)_{10}$ in 8-bit system?

5. (a) (i) State the functions of register. 3+3+2
(ii) Differentiate between RAM and ROM.
(iii) What is microprocessor?

OR

- (b) (i) What is floppy disk? 2+3+3
(ii) Distinguish between primary memory and secondary memory.
(iii) Distinguish between CD and DVD.

6. (a) (i) What do you mean by Dot pitch? 2+3+3
(ii) Explain different layers of OSI model.
(iii) Discuss with the help of diagram any three different types of topologies.

OR

- (b) (i) What do you mean by plotter? 2+2+2+2
(ii) Explain client server concept.
(iii) What do you understand by 'Bluetooth'?
(iv) What is SMS Gateway?

7. (a) (i) State the features of Linux Operating System. 2+2+2
(ii) What is file manager?
(iii) What is DBMS?

OR

- (b) (i) Distinguish between batch and online processing. 2+2+2
(ii) What are the different types of file in DOS?
(iii) What is software?

MODULE-II

[Marks-20]

8. (a) Discuss the history of e-commerce. 4

OR

- (b) Discuss some of the complaints made by e-consumers. 4

9. (a) (i) Explain the terms: B2B and B2C e-commerce. 4+2+2
(ii) What is digital marketing?
(iii) What is 'Protocol'?

OR

- (b) (i) Explain the term: ERP and e-CRM. 4+2+2
(ii) What is e-governance?
(iii) Differentiate between vertical and horizontal market place.

- 10.(a) (i) Explain in brief the essential elements of public key infrastructure (PKI). 5+3
(ii) What is Data Encryption and Decryption?

OR

- (b) Write short notes on the following: 2×4 = 8
(i) WAP
(ii) Smart card
(iii) Online banking
(iv) RTGS.

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

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