WEST BENGAL STATE UNIVERSITY
B.Com. General Part-II Examination, 2022

INFORMATION TECHNOLOGY AND ITS APPLICATION IN BUSINESS

PAPER: ITBG-I

Time Allotted: 3 Hours   Full Marks: 60

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-40]

1. (a) (i) Define Information Technology.   2+2
       (ii) What do you mean by Knowledge management system?

OR

   (b) (i) Distinguish between MIS and DSS.   2+2
       (ii) What are the different levels of information?

2. (a) (i) What do you mean by gray code?   2+2+2+2
       (ii) How many bytes of data space does 1 TB hard disk contain?
       (iii) What do you understand by positional number system?
       (iv) What is complement?

OR

   (b) (i) What do you mean by MSB and LSB?   2+2+2+2
       (ii) What do you mean by Buffer?
       (iii) Simplify $(507)_8 + (642)_8 + (296)_8$.
       (iv) Distinguish between word and byte.

3. (a) (i) What is meant by Inkjet Printer?   2+(2+2)+2
       (ii) Describe the function of different primary and secondary devices.
       (iii) What do you understand by I/O devices?

OR

   (b) (i) Distinguish between compiler and interpreter.   4+2+2
       (ii) What is a workstation?
       (iii) Name any two system software.

4. (a) (i) What is the role of 'cache memory'?   2+2+2
     (ii) What is assembly language?
     (iii) What is Multi-Threading?

OR

   (b) (i) What is the advantage of RDBMS over DBMS?   2+2+2
     (ii) What do you understand by Sequential Access File?
     (iii) What are pull down menus?

5. (a) (i) What are the layers of OSI model?   2+2+2+2
     (ii) State two importance of ISDN.
     (iii) Differentiate between LAN and WAN.
     (iv) What is "peer-to-peer" networking?

OR

   (b) (i) What do you mean by WAP?   2+2+2+2
     (ii) What is simplex data transmission?
     (iii) What is bridge?
     (iv) How do you get Xbox 360 to connect to wireless?

6. (a) (i) Distinguish between baseband and broadband.   2+2
     (ii) What is FTP?

OR

   (b) (i) Write the full forms of HTTP, HTML.   2+2
     (ii) Write a short note on DNS.

7. (a) What is Hacking?   2

OR

   (b) What is digital signature?   2

MODULE-II

[Marks-20]

8. (a) Explain the role of internet in the operation of e-commerce and e-business.   4

OR

   (b) What are the infrastructure requirements of e-commerce operations?   4

9. (a) (i) Discuss the advantages and disadvantages of C2B model.   4
     (ii) Who is transaction broker?   2
     (iii) Mention two objectives of e-CRM.   2

OR

(b) (i)   What is Horizontal Market place?   2

(ii)   What do you mean by e-payment?   2

(iii) What is e-hub?   2

(iv) Define protocol.   2

10.(a) Explain the role of core banking solution in customer relationship management   8
        of the banking sector.

OR

(b) Write short notes on the following: 2×4 = 8

(i)   RTGS

(ii) Gold Card

(iii) Online Banking

(iv) Store Value Card.

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.*

———×———