Total No. of printed pages = 2

BBA 181105

Roll No. of candidate ☐☐ . ☐☐☐☐ . ☐☐☐

22/3/ 2021

B.B.A. 1st Semester End-Term Examination

COMPUTER FUNDAMENTALS

Full Marks – 70   Time – Three hours

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

1. Answer the following :   (10 × 1 = 10)

    (a) Floppy disk and hard disks are examples of primary memory (True/False)

    (b) First generation computer can only be programmed using binary language (True/False)

    (c) Non impact printers create characters by striking an inked ribbon against the paper(True/False)

    (d) A barcode reader is a pointing device (True/False)

    (e) Primary memory is faster than secondary memory (True/False)

    (f) CD-ROMs can be written and erased multiple times (True/False)

    (g) Assembly language is a low level programming language (True/False)

    (h) A DBMS maintains file integrity (True/False)

    (i) Coaxial cables are faster than optical fibre cables (True/False)

    (j) Bus topology requires less cable length than star topology (True/False)

(Answer any four from the following)

2. (a) Discuss how fourth generation computers were better than third generation computers.   (7)

    (b) Explain application software and its various sub types in details   (8)

3. (a) Who are the different users of a database   (8)

    (b) Explain data definition and data manipulation in DBMS   (7)

[Turn over

4. (a) Explain the different connecting media used in computer networks   (9)

   (b) What is the role of physical and data link layer in the OSI model   (6)

5. (a) Explain how E-Commerce has helped small businesses and ancillary businesses grow.   (8)

   (b) Explain how Health care industry can be made more efficient with the introduction of IT.   (7)

6. (a) What are the differences between system software and Application software?   (8)

   (b) Explain asymmetric cryptography with an example.   (7)

7. Short notes on (*Any three*)   (3 × 5 = 15)

   (a) Relational Database model

   (b) Different types of printers

   (c) Supercomputers

   (d) Star topology

   (e) 4th gen programming language.

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