

**U.G. 4th Semester Examination - 2021****COMMERCE****Course Code : BCOMCCHS403****Course Title: Computer Application in Business**

Full Marks : 30

Time : 2 Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Answer any **ten** questions: 1×10=10
- a) What is the speciality of 2nd generation of computer?
  - b) Give an example of magnetic disk and an example of optical disk.
  - c) Write the full form of EBCDIC and ASCII.
  - d) Give one example each of positional and non positional number system.
  - e) Write the full form of WIFI.
  - f) Write the names of different parts of an URL.
  - g) What is topology?
  - h) Define Hub.

- i) Write the name of different components of CPU.
- j)  $(31)_{10} = (?)_2$
- k) Give one example each of Full Duplex and Half Duplex communication.
- l) Define MAN.
- m) Which of the following memories must be refreshed many times per second?  
(i) EPROM (ii) ROM (iii) Static RAM (iv) Dynamic RAM.
- n) Give one example each of multiuser and single user operating system.
- o) Define base of a number system.

2. Answer any **five** questions : 2×5=10
- a) How signed and unsigned numbers are represented in binary number system?
  - b) What are the differences between dialup and based line connectivity?
  - c) Mention one advantage and one disadvantage of star topology.
  - d) VLSI stands for what? In which generation of computer it was first introduced?

- e) Define point to point link.
- f) What are the major tasks of an operating system?
- g) Differentiate between digital and analog computer.
- h) What is communication protocol in computer networks? Give one example.

3. Answer any **two** questions :  $5 \times 2 = 10$

a) i) Define System software and Application software. Give example of each of them.

ii) What are the differences between Application software and System software.  $3 + 2 = 5$

b) i) Subtract  $(111011)_2$  from  $(111111)_2$

ii)  $(132)_8 = (?)_{16}$

iii) How many distinct symbols in Hexadecimal number system are there and what are those?

$2 + 1 + 2 = 5$

c) i) How ALU works?

ii) Write in brief the uses of internet in education system.  $2 + 3 = 5$

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