

B.Com. 3rd Semester (Honours) Examination, 2023 (CBCS)

Subject : Computer Applications in Business

(New Syllabus)

Course : CC-V (3.1 CH)

Time: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

1. Answer *any five* questions of the following: 2×5=10
 - (a) Convert the hexadecimal number $(7AE.EF)_{16}$ to binary number.
 - (b) Convert the binary number $(10111011.1011)_2$ to its equivalent octal number.
 - (c) Write the truth table of OR Gate.
 - (d) Define application software with example.
 - (e) Write the full form of VLSI and ULSI in computer.
 - (f) What is Buffer?
 - (g) Write two functions of ALU.
 - (h) What is GUI?

2. Answer *any two* questions of the following: 5×2=10
 - (a) Differentiate between RAM and ROM.
 - (b) What is Half Adder? Write the truth table and circuit diagram of Half Adder.
 - (c) Write the functions of CPU, I/O device and memory of a computer.
 - (d) Explain briefly the various functions of an operating system.

3. Answer *any two* questions of the following: 10×2=20
 - (a) Explain the advantages and disadvantages of Database Management System. 6+4
 - (b) (i) Explain Three Schema Architecture of DBMS.
 - (ii) Mention any three differences between Hierarchical Data Model and Network Data Model. 7+3
 - (c) (i) Write down the full form and functions of the following terminology associated with internet: (a) HTML (b) URL (c) TCP/IP
 - (ii) Write down different limitations of internet. (3×2)+4
 - (d) Write short notes on: 5+5
 - (i) Applications of computer in business
 - (ii) Flash Memory Devices