B.Sc. (Graphics & Web Designing) (Semester – 1st)
FUNDAMENTALS OF COMPUTER AND IT
Subject Code: BGWDS1102
Paper ID: [21132602]

Time: 03 Hours   **Maximum Marks: 60**
Instruction for candidates:
1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A   **(2 marks each)**
Q1. Attempt the following:
   a. What is crypto-currency?
   b. Define bit, byte and nibble.
   c. Define IoT.
   d. Write the applications of OCR.
   e. Write advantages of laser printer.
   f. What do you mean by high level language?
   g. Convert binary number 10011101 into hexadecimal number.
   h. Write the advantage of mail-merge.
   i. Define macro.
   j. Explain the difference between workbook and worksheet.

Section – B   **(5 marks each)**
Q2. Draw and explain the block diagram of computer.
Q3. What is cloud computing? Explain its significance.
Q4. Give the concept of charts and graphs in spreadsheet?
Q5. Differentiate between compiler, interpreter and assembler.
Q6. Write step-by-step solution to draw following table in MS Word.

Section – C   **(10 marks each)**
Q7. Explain the different generations of computer.
Q8. What are various storage devices? Explain each with their relative merits and demerits.
Q9. What is an operating system? Explain characteristics features of Batch, multi-programming and distributed operating systems.