

Roll No.....
Total No. of Questions: [09]

Total No. of Printed Pages: [01]

B.A. (Journalism & Mass Communication) (Semester – 1st)
COMPUTER FUNDAMENTALS
Subject Code: BJMCS1105
Paper ID: [21420105]

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. Define hexadecimal number system.
- b. What is binary arithmetic?
- c. Define network topology and give two examples.
- d. Name two types of operating systems.
- e. Differentiate between compiler and interpreter.
- f. What are the different types of symbols used in a flowchart?
- g. Write two differences between hardware and software.
- h. How is IT used in the field of education and training?
- i. Define a bit.
- j. Differentiate between a hub and a switch in networking devices.

Section – B

(5 marks each)

- Q2. Differentiate between primary memory and secondary memory, and explain the purpose of each.
- Q3. Discuss the applications of information technology in various fields such as business, education, entertainment etc.
- Q4. Differentiate between application software and system software, providing examples of each.
- Q5. List and describe common input and output devices used in computer systems.
- Q6. Draw a block diagram of a computer. Explain the function of each of the blocks.

Section – C

(10 marks each)

- Q7. Explain the process of creating, deleting, copying, and renaming files in a computer system.
- Q8. Describe the generations of programming languages. Differentiate between assembler, compiler, and interpreter.
- Q9. Differentiate between algorithm and flowchart. Provide examples of algorithms and flowcharts.