ABES Engineering College, Ghaziabad

Department of Computer Science and Engineering (AI&ML)

B.Tech. SEM-II

Session: 2023-24

Programming for Problem Solving (BCS 201)

Assignment-1

Q. 1.   What is computer? Draw the block diagram of computer? Describe Hardware and

Software in detail.

Q. 2.   Describe the Characteristics, Types & applications of computer?

Q. 3.   Define algorithm & flowchart and Pseudo-code briefly & with example?

Q. 4.   Write the Algorithm, flow chart and pseudo-code for-

1. *Finding the greatest of three integers*

2. *Swapping of two integers.*

Q. 5.   Define Memory? Discuss the types of Memory in details?

Q. 6.   Define the programming languages with its type?

Q. 7.   What are the language translators? Discuss the types of Errors.

Q. 8.   Define the Structure of the program? What are the Characteristics of good program?

Q. 9.   What are the Input Output statements? Discus in brief?

Q. 10.   Define Data Types in details?