

## BCE (BT-205)

### MID SEM –I Questions January 2022

#### Unit-1

- Q1. Compare RAM and ROM memories.
- Q2. Explain the organization of CPU with the help of block diagram.
- Q3. Explain the applications of computer in the field of Health Care, Animation and e-Business, Remote Sensing and GIS.
- Q4. Differentiate between Address Bus, Data Bus and Control Bus.
- Q5. Discuss generations of Computers.
- Q6. What is the importance of Input and Output devices? Describe any three Input and Output devices.
- Q7. What is a Register and its types?
- Q8. Explain the following terms:-
  - i) *Process*    ii) *Process State*    iii) *Process Control block*.
- Q9. Define Operating System and its types.
- Q10. What is Software ? explain its types.

#### Unit-2

- Q1. Write an Algorithm for find the greater number between two numbers.
- Q2. Explain various **Data Types**.
- Q3. What is Operator? define different type of Operator.
- Q4. What is variable ? explain the different types of variable with suitable example.
- Q5. Explain different types of Control Structure with example.
- Q6. What do you understand by the program structure give the suitable example.
- Q7. Write a Program to Read and Write 5 elements in an Array.
- Q8. What is flow Chart and explain the different Symbols used in.
- Q9. Write a program to illustrate Arithmetic Operators.
- Q10. Explain the concept's of **Object Oriented Programming**
- Q11. Compare :-
  - i) *Procedure Oriented Programming Vs Object Oriented Programming*