



# MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

Paper Code : GE4B-03 Basics of Computing

UPID : 412003

Time Allotted : 3 Hours

Full Marks : 70

The Figures in the margin indicate full marks.

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

## Group-A (Very Short Answer Type Question)

1. Answer any ten of the following :

[ 1 x 10 = 10 ]

- (I) What is control panel?
- (II) RAM Stands for \_\_\_\_\_.
- (III) Extension name of Note pad is \_\_\_\_\_.
- (IV) What the difference is between save and save as in Ms Office?
- (V) What is input device?
- (VI) What is resident virus?
- (VII) A device that enable us to communicate with a computer is called\_\_\_\_\_.
- (VIII) Define malware.
- (IX) Define software.
- (X) What is the full form of DRAM?
- (XI) What is an operating system?
- (XII) Define LAN.

## Group-B (Short Answer Type Question)

Answer any three of the following :

[ 5 x 3 = 15 ]

2. Differentiate between Compiler, Interpreter and Assembler. [5]
3. Write a short note on Booting. [5]
4. What do you mean by a flowchart? Draw a flowchart to find the greatest from 3 numbers. [5]
5. What is Memory? Explain different types of Memory in brief. [5]
6. Define internet. What are the main services provided by the internet? [5]

## Group-C (Long Answer Type Question)

Answer any three of the following :

[ 15 x 3 = 45 ]

7. Illustrate block diagram of computer [the Von Neumann Architecture] and explain its components. [ 15 ]
8. (a) Define Operating systems? What are the functions of operating systems? [ 6 ]  
(b) Write short note on: [ 9 ]
  - (i) Multitasking O.S
  - (ii) Multiprogramming O.S.
  - (iii) Time Sharing O.S.
9. (a) Explain how can we apply different lay outs, transitions and animation to a slide? [ 7 ]  
(b) Write a step-by-step procedure to create a simple presentation using the PowerPoint package whose slides include a title page (slide), a figure, bulleted text and a bar graph. [ 8 ]
10. What do you mean by word processor ? Write a step-by-step procedure to do each of the following activities using Word Processing software : [ 15 ]
  - (i) Replacing text
  - (ii) To check the spelling mistakes
  - (iii) Mail-Merge
  - (iv) Inserting table.
11. Briefly explain about the different generations of Computers. [ 15 ]

\*\*\* END OF PAPER \*\*\*