

**FIRST SEMESTER B.VOC. DEGREE EXAMINATION, NOVEMBER 2015**

Multimedia

GEC 1FC 02—FUNDAMENTALS OF COMPUTER

Time : Three Hours

Maximum : 80 Marks

**Section A (Very Short Answer Questions)***Answer all questions.*

1. Expand ENIAC
2. Fifth generation computers are other-wise known as \_\_\_\_\_
3. \_\_\_\_\_ are modifier keys ?
4. \_\_\_\_\_ means pointing to the item with mouse pointer and pressing and releasing the mouse button twice in the rapid secession ?
5. Which special keyboard key has a picture of Windows logo on it ?
6. \_\_\_\_\_ ~~key is used to get help.~~
7. In ink-jet printers image quality is measured in \_\_\_\_\_
8. The term \_\_\_\_\_ refers to the statement that are written in a language that computer can understand.
9. Higher the network bandwidth \_\_\_\_\_ ~~he data it can carry.~~
10. Modem transmission speeds are measured in \_\_\_\_\_

(10 x 1 = 10 marks)

**Section B (Short answer questions)***Answer any **eight** of the following.  
2 marks each.*

11. What is the difference between a micro-processor and micro-computer ?
12. What is the difference between a workstation and micro-computer ?
13. What are the limitations of computer ?
14. Explain the parts of computer system.
15. Explain non-impact printers.
16. Define cache memory and its advantages.

**Turn over**

17. Explain impact printers.
18. What is resolution ?
19. What is flash memory ?
20. What is the difference between Random access and Sequential access memory ?
21. Explain optical disc.
22. Compare magnetic core memory and semi-conductor memory.

(8 x 2 = 16 marks)

### **Section C (Short Essay Questions)**

*Answer any **six** of the following.  
4 marks each.*

23. Different types of OS.
24. Explain language processor.
25. Differentiate between batch-processing, online OS and real-time OS.
26. Advantages of computer networking.
27. What are the network topologies used in LAN ?
28. Explain LAN and its advantages and disadvantages.
29. What is hybrid network ?
30. Differentiate browser and search engine.
31. Explain how search engines operate.

(6 x 4 = 24 marks)

### **Section D (Essay questions)**

*Answer any **two** questions.  
Each carries 15 marks.*

32. Explain the classification of computers.
33. What is meant by generation in computer terminology ? How many computer generations are there till now ?
34. What is a Cache memory ? How is it different from a primary memory ?
35. Define and distinguish between application software and system software.

(2 x 15 = 30 marks)