D 14358

(Pages : 3)

Name..................................

Reg. No...............................

FIRST SEMESTER B.Voc. DEGREE EXAMINATION, NOVEMBER 2016

Multimedia

GEC IFC 02—FUNDAMENTALS OF COMPUTER

Time : Three Hours

Maximum : 80 Marks

Section A (Very Short Answer Questions)

Answer all questions.

1 mark each.

1. Secondary memory is also known as ——————.

2. ASCII stands for ——————.

3. Temporary storage area of a computer ?

4. WWW stands for ——————.

5. —————— is the process of loading the operating system files into the memory of the computer.

6. One way to protect against virus is.

7. The common keyboard arrangement is called ——————.

8. —————— is communication hardware.

9. Laser printer's speed is measured in ——————.

10. Cable TV network spread over a city can be termed as ——————.

(10 × 1 = 10 marks)

Section B (Short Answer Questions)

*Answer any **eight** of the following.*

2 marks each.

11. Describe the difference between Bitmap and Vector image.

12. Difference between micro-computer and micro-processor ?

13. What is subroutine ?

14. What are the different applications of computer at home ?

15. What are the limitations of computer ?

16. What is data and information means ?

Turn over

17. On the basis of colour capabilities, how monitors are classified ?

18. Define cache memory and its advantages ?

19. What is utility software ?

20. What are the functions of ALU ?

21. Compare LAN and WAN.

22. What is URL ?

$(8 \times 2 = 16 \text{ marks})$

Section C (Short Essay Questions)

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

23. Explain how search engine operates ?

24. What are the four types of computers that are designed for use by organization and are commonly used by multiple people at same time ?

25. What are the factors that determine quality of monitor ? What is LCD and CRT ?

26. Differentiate between batch processing and real-time OS ?

27. What are the features of word-processing packages ?

28. What is computer network ? List its objectives and applications ?

29. Define intranet and extranet ?

30. How CPU executes program instructions ?

31. Differentiate SRAM and DRAM ?

$(6 \times 4 = 24 \text{ marks})$

Section D (Essay Questions)

Answer any **two** *questions.*
15 marks each.

32. Write short notes on :

    A   Networking.

    B   E-mail.

    C   Voice mail.

    D   Protocol.

    E   Hub.

33. (a) Explain different types of operating systems ? Explain any 2.

   (b) Explain language processors ?

34. What are the various types of main memory technologies that are commonly employed ?

35. (a) Different types of topology and explain any 2 ?

   (b) What are the transmission mediums employed by LAN ?

(2 × 15 = 30 marks)