



**MBD-003-006103**

Seat No. \_\_\_\_\_

**B. Sc. (Bioinformatics) (Sem. I) (CBCS)**

**Examination**

**November / December – 2016**

**BI - 103 : Introduction to Computer Programming  
(Old Course)**

**Faculty Code : 003**

**Subject Code : 006103**

Time :  $2\frac{1}{2}$  Hours]

[Total Marks : 70

- Instructions: (1) All questions are compulsory.  
(2) The right-side figure indicates total marks of the question.

## **PART-A**

**1. Answer the following short questions: (ALL COMPULSORY) 20**

1. The primary job of the operating system is \_\_\_\_\_
2. Who is called the supervisor of computer activity.
3. Who is the developer of C shell?
4. Which command is used to copy the data form one file to another file?
5. Which command is used to remove the director?
6. Which command is update the content of the file?
7. The brain of any computer system is \_\_\_\_\_
8. When was vacuum tube invented?
9. Who is the father of computer?
10. ASCII stands for?
11. The translator program used in assembly language is called \_\_\_\_\_
12. Assembly language and machine language is also called \_\_\_\_\_
13. DBMS stands for?
14. Diamond shaped symbol is used in flowcharts to show the \_\_\_\_\_
15. FTP stands for?
16. ATM stand for?
17. From which language, the word “computer” is derived?
18. \_\_\_\_\_ shares characteristics of both hardware and software
19. What is the meaning of ‘CC’ in case of E-mail?
20. What is VSNL?

## PART-B

**2 (A) Explain any Three:** [6]

1. Explain chown command.
2. Explain CP and LS commands.
3. Explain difference between hardware and software.
4. Explain firm ware.
5. Explain Internet history.
6. Explain looping statement in UNIX

**(B) Explain any Three:** [9]

1. Explain algorithm and flow chart.
2. Explain Bluetooth.
3. Explain features of Unix.
4. Explain following commands
5. Explain Hard disk.
6. Explain interpreter, assembler and translator.

**(C) Attempt any Two:** [10]

1. Explain Architecture of unix.
2. Explain Block Diagram of computer System.
3. Explain Generation of computer
4. Explain Internet connection.
5. Explain types of languages.

**3 (A) Explain any Three:** [6]

1. Explain plotter.
2. Explain TCP.
3. Explain Wi-Fi.
4. What are input devices? Explain any one.
5. What do u mean by multiuser, multitasking OS?
6. What is Computer? list out advantages.

**(B) Explain any Three:** [9]

1. Explain pointing device.
2. Explain Scanner any one.
3. Explain Structure of Computer.
4. Explain types of files.
5. Explain virtual memory.
6. Explain WWW, HTTP, FTP

**(C) Attempt any Two:** [10]

1. Explain types of networks.
2. Explain Virus in details.
3. What are non-impact printers? Explain any two non-impact printers in details.
4. What is output device? Explain any two in brief.
5. Write a shell script for the followings: Print number from 1 to 20