

D
(20524)

B.Sc. (Bio.Tech.)-II Yr.

Roll No.

(Printed Pages 3)

NS-3464

**B.Sc. (Biotechnology)
Examination, May-2024**

**Fundamental of Computers and
Bioinformatics**

(B-201)

(B.Sc. Biotech)

Time : Three Hours] [Maximum Marks : 50

Note : Attempt any **five** questions. **All** questions carries **10** marks.

1. What are the basic characteristics of a Computer? Explain different capabilities of computer system.
2. Explain different types of input and output devices used in a computer system. Differentiate hardware and software in computer system.

P.T.O.

What do you mean by system software and application software? Explain it with different types of system software and application software.

Define operating system and also explain the types of operating system in details.

Differentiate windows and Linux Operating System with appropriate example.

What do you mean by computer network? Define internet also discuss about LAN, MAN and WAN.

Write short notes on about **two** of the following:

(i) FTP

(ii) Telnet

(iii) WWW

NS-3464/2

8. Write in detail about BLAST and FASTA.
9. Briefly discuss about Pairwise and Multiple Sequence Alignments.
10. Define Drug designing. Explain in detail about Docking Studies.