



**R-3829-30**

**M. Sc. (Sem. V) (Biotechnology) (ATKT) Examination**

**May / June – 2010**

**Introduction to Computers & Bioinformatics**

Time : 3 Hours]

[Total Marks : 70

**R-3829**

**Instruction :**

नीचे दशांशवले निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी.  
Fillup strictly the details of signs on your answer book.

Name of the Examination :  
**M. Sc. (Sem. 5) (Biotechnology) (ATKT)**

Name of the Subject :  
**Introduction to Computers & Bioinformatics**

Subject Code No. : **3 8 2 9** Section No. (1, 2,.....): **1**

Seat No. :

Student's Signature

- 1 Define following : (any four) 8
- (1) Computer
  - (2) Web Browser
  - (3) LAN
  - (4) Flowchart
  - (5) SQL
  - (6) Database
- 2 Answer the following : (any one) 6
- (1) Describe various storage devices.
  - (2) Explain flow charts with examples.
- 3 Write short notes : (any four) 21
- (1) Algorithm
  - (2) Input Devices
  - (3) Having in SQL
  - (4) CPU
  - (5) Search Engine

## R-3830

### Instruction :

नीचे दशांशके निशानीवाणी विगतो उत्तरवडी पर अवश्य कभवी.  
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Name of the Examination :  
**M. Sc. (Sem. 5) (Biotechnology) (ATKT)**

Name of the Subject :  
**Introduction to Computers & Bioinformatics**

Subject Code No. : **3 8 3 0** Section No. (1, 2,.....): **2**

Seat No. :

Student's Signature

4 Protein Structure Database. 8

OR

4 Describe the tools used for Visualization of proteins. 8

5 Write in details : 7  
Molecular Medicine and its applications.

OR

5 Drug Discovery process.

6 Write notes on any two : 20

(1) Tools for drug designing

(2) DNA Microarray

(3) Importance of Computers in Bioinformatics