[4319] - 8 E.V. B.Sc.

BIOTECHNOLOGY

Bb - 108 : Use of Computers (2008 Pattern)

Time: 3 Hours!

[Max. Marks: 80

Instructions to candidates :

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Draw neat and labelled diagrams whenever necessary.
- Q1) Attempt all of the following:

 $[8 \times 2 = 16]$

- a) Define the terms:
 - Buffer.
 - ii) Plotter.
- b) How to protect your system from virus?
- c) List out various services of operating system.
- d) State the term biometrics.
- e) Define entity.
- f) What is protocol?
- g) What do you mean by parallel processing computers?
- h) Define word processor.
- Q2) Attempt any four of the following:

 $[4 \times 4 = 16]$

- a) Explain computer with block diagram.
- b) Describe the following data models.
 - i) Network
 - ii) Relational.
- c) Explain Google search engine in detail.
- d) Describe B-tree indexed file.
- e) Write note on biological databases.

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