

DG-1686

B. Sc. (Biotechnology) (Sem. V) (CBCS) Examination March / April - 2016

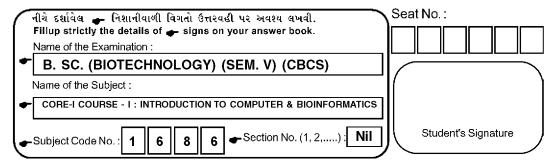
Core-I Course - I : Introduction to Computer & Bioinformatics

(New Course)

Time: 2 Hours]
Instructions:

[Total Marks: 50

(1)



- (2) Figures to the right indicate full marks.
- (3) Draw neat and labeled diagrams wherever necessary.

1. Write any four from following:

(08)

- (a) Define: QWERTY Keyboard.
- (b) Differentiate fourth Generation & Fifth Generation Computer.
- (c) Give two example of Optical Storage Device.
- (d) Give full form of KEGG & BTIS.
- (e) Define: Computer and Bioinformatics.

2. Explain in detail (Any Two):

(14)

- (a) Describe system software & application software with suitable example.
- (b) What is server? Write a note on Genomics and Proteomics server available in India.
- (c) Write a detail note on DBMS with its purpose and application.

(a) Explain in detail (Any Two): (a) Explain components of BTIS net. (b) Describe NCBI. (c) Describe Scope & Research area of Bioinformatics. 4 Write a note on: (Any Two): (14)

- (a) Relational Data model with suitable example.
- (b) EMBL Database.
- (c) Processing device and their role in computer system.

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