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1605E605

Candidate's Seat No :

M.Phil. Science Examination

Paper-III : Bioinformatics

May-2017

Time : 3 Hours]

[Max. Marks : 70]

1. How to measure software effectiveness and check its reliability? (15 marks)

OR

1. Explain its design and implementation of software. (15 marks)

2. Explain role of software in drug discovery. (15 marks)

OR

2. Elaborate the applications of software in Biological sciences. (15 marks)

3. Write a short note on the Biological Oceanography. (15 marks)

OR

3. Brief note on Remote sensing. (15 marks)

4. Applications of Next Generation sequencing Technology (15 marks)

OR

4.. What is in silico drug design? Give its applications. (15 marks)

5. Write brief notes on (15 marks)

- a) Explain the role of Entrez in database integration.
- b) Software for Protein visualization.
- c) EMBL
- d) Microarray technology and its applications
- e) Gene editing.