

Code: R7412301

R07**IV B.Tech I Semester (R07) Supplementary Examinations, May 2012****BIOINFORMATICS****(Biotechnology)****Time: 3 hours****Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

1. Write about A.Telnet B.ftp
2. What is homology? Describe with special reference to Sir Richard Owen.
3. Explain DNA mapping and Sanger sequencing Method with suitable examples.
4. Write about:
 - (a) Waterman algorithm
 - (b) Needleman-Wunsch algorithm.
5. Write about:
 - (a) PDB
 - (b) DDBJ
6. Write about:
 - (a) Secondary databases.
 - (b) MMDB databases.
7.
 - (a) Write about Biochemical databases organization.
 - (b) Describe Management of databases.
8. Explain principle and methodology of Evolutionary trees construction and its applications.
