



- b) Explain regular expression by multiple sequence alignment of Protein sequences with appropriate example and briefly discuss BLOCKS. 7

**Q-5 Attempt all questions (14)**

- a) Write a note on Parsimony method for the analysis of multiple sequences to build phylogeny. 7
- b) Write a note on different structural forms of Proteins. 7

**Q-6 Attempt all questions (14)**

Write a note on Homology modelling and explain different steps followed to perform protein structure prediction.

**Q-7 Attempt all questions (14)**

- a) Explain different types of sources of data and define all types of variables. 7
- b) Write a note on measurement of central tendency. 7

**Q-8 Attempt all questions (14)**

- a) Calculate Mean, Mode and Median of the results of randomly selected five students of a same class for given data: 7

Sr. No.	Student	% Scored
1	A	65
2	B	30
3	C	80
4	D	70
5	E	73

- b) Write a note on DDBJ. 7

