Assignment 9

The due date for submitting this assignment has passed.

Due on 2021-03-24, 23:59 IST.

As per our records you have not submitted this assignment.

1) What is the f1 color for oxygen when the residue in stick representation and color by element?
   - Green
   - Red
   - Blue
   - White
   No, the answer is incorrect.
   Score: 0
   Accepted Answer: Red

2) Which command or tool is used for high definition image in pymol?
   - Dsview
   - Py
   - Zmap
   - Ras
   No, the answer is incorrect.
   Score: 0
   Accepted Answer: Py

3) For the first X-ray crystallographic solution of a macromolecule, Myoglobin, Kendrew and co-workers (1955) built which type of model at a scale of 0.40 A average?
   - Ball and stick model
   - Barter model
   - Grass model
   - Molscript
   No, the answer is incorrect.
   Score: 0
   Accepted Answer: Grass model

4) In which format the protein sequence is displayed in pymol?
   - One letter
   - Three letter
   - Amino acid name
   - None of the above
   No, the answer is incorrect.
   Score: 0
   Accepted Answer: One letter

5) Similarity of three-dimensional structure between the immunoglobulin domain and the copper, zinc superoxide dismutase subunit domain was first established by which model in 1989?
   - Sybyls Bender
   - Kendrew’s model
   - Richardson model
   - Molscript model
   No, the answer is incorrect.
   Score: 0
   Accepted Answer: Richardson model

6) Which option is used for editing phl phi values of backbone of a protein in coot?
   - Raster tool
   - Torus win editing
   - Real space refine zone
   - Simple rotate
   No, the answer is incorrect.
   Score: 0
   Accepted Answer: Torus win editing

7) The first line in a FASTA file started with a ______
   - >
   - |
   - <
   No, the answer is incorrect.
   Score: 0
   Accepted Answer: >

8) Which of the following format is now the default format used by Protein Data Bank (PDB)?
   - pdb format
   - XML format
   - mmCIF format
   - mtp format
   No, the answer is incorrect.
   Score: 0
   Accepted Answer: mmCIF format

9) What is the range of occupancy in PDB file?
   - 0-10
   - 10-50
   - 1-50
   - 0-1
   No, the answer is incorrect.
   Score: 0
   Accepted Answer: 0-1

10) Which of the following parameter one cannot get from the validation report from worldwide PDB (wwPDB)?
    - Entry composition
    - Data and refine statistics
    - Resolution and model quality
    - Macromolecular field
    No, the answer is incorrect.
    Score: 0
    Accepted Answer: Macromolecular field