NVA EDUCATION

Question 1: Define benchmarking and its method

Question 2: What are Substitutions & Indel

Question 3: What are the methods for clustring the phylogenetic trees.

Question 4: What dose role of 5' cap and 3' role A poly tail

Question 5: What is dot plots?

Question 6: What is the bioinformatics promise to the society

Question 7: What is the phenomineon of reduency of amino acid and what us the name of the amino acid which has three codos.

Question 8: What is the role of 5' cap and poly A tail

Question 9: Why unpaired nucleotides should make the structure of RNA destabilized

Question 10: Write down Four Steps of FASTA.

Question 11: Write formula for finding distance between two sequences and elaborate it.

Question 12: Write the four objectives of the comparing sequensing?

Question 13: Write URL of ncbi?

Question 14: Challenges of ab initio modelling

Question 15: Define pharmacology and pharmacogenomics and write three applications of pharmacogenomics

Question 16: Differentiate between supervised and unsupervised machine learning

Question 17: Explain gene expression omnibus

Question 18: Explain RNA (definition, structure, secondary structure, prediction, types of RNA and their function etc)

Question 19: How sanger method solved Edman degradation problemof protein identification

Question 20: Longest common subsequence problem (only single strip) with example

Question 21: needleman-wunsch algorithm complete

Question 22: What is primary medical databaselist four databases.

Question 23: Why Edman degradation strategy was failed in protein identification.

Question 24: write and explain 2 approaches of target discovery

Question 25: Differentiate between Artery, veins and capillaries.

Question 26: Formation of seeds and fruits in plants.

Question 27: Importance of Mitosis.

Question 28: Labeling the organelles of cell. (Animal cell).

Question 29: Name all the parts in Alimentary canal.