Biology Important Questions and Topics

Unit 3 :

1. Enzymes , its classification and its applications.
2. Substrates.
3. Factors affecting Enzyme activity.
4. What is catalytic to its substrate?
5. Carbonic anhydrase
6. Full form of CA.
7. Restriction Enzymes.
8. Another name of Restriction Enzymes.
9. Nervous System and its types.
10. Full form of CNS and PNS.
11. Classification of CNS
12. Basic unit of Nervous System.
13. Classification of PNS
14. Reflexes and its types
15. Pairs of cranial and spinal nerves.
16. Neuron
17. Resting Potential.
18. Nerve Impulse
19. Synapse
20. Refractory Period
21. Types of Polarization.
22. CNS includes
(a) Brain
(b) Spinal Chord
(c) Spinal Chord and Brain
23. Function of Axon

24. PNS includes
(a) ANS
(b) SNS
(c) All
25. Who coined Bio informatics ?
26. Application of Bioinformatics
27. BLAST Full form and its types.
28. VAST Full form.
29. The development of which field is the result of advances in both molecular biology and computer science?
30. Data mining
31. FASTA
32. What is the first database similarity search tool developed, preceding the development of BLAST?
33. BLAST program was developed by whom an din which year ?
34. HIV :
   (a) Full form
   (b) Signs and Symptoms
   (c) Replication
   (d) How it spread
   (e) Treatment
   (f) Precaution
35. Diabetes :
   (a) Types
   (b) Symptoms
   (c) Treatment
   (d) How it spread

   (e) Testing

   (f) Precaution

36. Full form of AIDS

37. Symbol of Red ribbon

38. Full form of :

   (a) cDNA

   (b) RTIs

   (c) PIs

   (d) EI

   (e) ARVs

   (f) STI

   (g) HAART

   (h) ART

   (i) TB

   (j) VMMC

   (k) PrEP

   (l) PEP

39. Corona virus :

(a) Origin

(b) Structure

(c) Genome

(d) Full form of Covid

(e) Epidemology

(f) Replication

(g) Spread

(h) Diagnosis

(i) Pathogenesis

(j) Treatment

(k) Precaution

40. Cancer
    (a) Spread
    (b) Types
    (c) Symptoms
    (d) Causes
41. Tumors and their types.
42. High throughput sequencing includes
    (a) IILUMENA SEQ
    (b) 454 ROCHE
    (c) BOTH
43. Which virus affects the country's economy ?
44. Applications of Data mining
45. Biocatalysts
46. Proteases
47. Restriction Enzymes
48. Blunt and sticky end
49. Pallondromic Sequence