

## Question Bank

### Fill in the Blank

1. The \_\_\_\_\_ theory attempts to explain to us the origin of universe.
2. Early Greek thinkers thought units of life called \_\_\_\_\_ were transferred to different planets including earth.
3. This is \_\_\_\_\_ and these structures are \_\_\_\_\_.
4. Hence, analogous structures are a result of \_\_\_\_\_ different structures evolving for the same function and hence having similarity.
5. This process of evolution of different species in a given geographical area starting from a point and literally radiating to other areas of geography (habitats) is called \_\_\_\_\_.
6. \_\_\_\_\_ Evolution by natural selection, in a true sense would have started when cellular forms of life with differences in metabolic capability originated on earth.
7. \_\_\_\_\_ and \_\_\_\_\_ are the two key concepts of Darwinian Theory of Evolution (Figures 7).
8. Evolution for Darwin was gradual while deVries believed mutation caused speciation and hence called it \_\_\_\_\_ (single step large mutation).
9. \_\_\_\_\_ In a given population one can find out the frequency of occurrence of alleles of a gene or a locus.

### One marks Questions

10. What is Big Bang ?
11. What is spores ?
12. What is ?
13. What is divergent ?
14. What is evolution ?
15. What is homologous ?
16. What is convergent evolution ?
17. What is adaptive radiation ?
18. What is BIOLOGICAL EVOLUTION ?
19. What is Branching descent ?
20. What is natural selection ?
21. What is saltation ?
22. What is HARDY-WEINBERG PRINCIPLE ?

### Two marks Questions

23. What is Big Bang and adaptive radiation ?
24. What is spores and BIOLOGICAL EVOLUTION ?
25. What is and Branching descent ?
26. What is divergent and saltation ?
27. What is evolution and HARDY-WEINBERG PRINCIPLE ?
28. What is homologous and A BRIEF ACCOUNT OF EVOLUTION ?
29. What is convergent evolution and ORIGIN AND EVOLUTION OF MAN ?

### Three marks Questions

### Five marks Questions

30. Explain ORIGIN OF LIFE?
31. Explain EVOLUTION OF LIFE FORMS – A THEORY?
32. Explain WHAT ARE THE EVIDENCES FOR EVOLUTION??
33. Explain WHAT IS ADAPTIVE RADIATION??
34. Explain MECHANISM OF EVOLUTION?
35. Explain A BRIEF ACCOUNT OF EVOLUTION?
36. Explain ORIGIN AND EVOLUTION OF MAN?