# 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

1. What is Big Bang ?
2. What is spores ?
3. What is ?
4. What is divergent ?
5. What is evolution ?
6. What is homologous ?
7. What is convergent evolution ?
8. What is adaptive radiation ?
9. What is BIOLOGICAL EVOLUTION ?
10. What is Branching descent ?
11. What is natural selection ?
12. What is saltation ?
13. What is HARDY-WEINBERG PRINCIPLE ?

## Two marks Questions

1. What is Big Bang and adaptive radiation ?
2. What is spores and BIOLOGICAL EVOLUTION ?
3. What is and Branching descent ?
4. What is divergent and saltation ?
5. What is evolution and HARDY-WEINBERG PRINCIPLE ?
6. What is homologous and A BRIEF ACCOUNT OF EVOLUTION ?
7. What is convergent evolution and ORIGIN AND EVOLUTION OF MAN ?

## Three marks Questions

## Five marks Questions

1. Explain ORIGIN OF LIFE?
2. Explain EVOLUTION OF LIFE FORMS – A THEORY?
3. Explain WHAT ARE THE EVIDENCES FOR EVOLUTION??
4. Explain WHAT IS ADAPTIVE RADIATION??
5. Explain MECHANISM OF EVOLUTION?
6. Explain A BRIEF ACCOUNT OF EVOLUTION?
7. Explain ORIGIN AND EVOLUTION OF MAN?