



Date: 31-10-2018
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

SECTION-A

Answer ALL questions:

(10×2 =20)

1. What are eukaryotes?
2. Comment on Neo-Lamarckism.
3. Define mutation.
4. Write a note on speciation.
5. Comment on convergent evolution.
6. What is Palaeontology?
7. Define Eugenesis.
8. What is called Mullerian mimicry?
9. Comment on living fossil.
10. Mention the importance of Genomics.

SECTION –B

Answer any FOUR of the following questions:

(4×10 =40)

11. Describe the chemical origin of life
12. Explain the mutation and their role in evolution
13. Give an account on colouration and mimicry
14. Explain the Geological time scales
15. Describe the Neo Darwinism
16. Write an account on human genome projects

SECTION -C

Answer any TWO of the following questions:

(2×20 =40)

17. Explain the Inorganic and organic evolution
18. Give an account on adaptive radiation in reptiles and mammals
19. Write an essay on Fossil records of man and fossil records of horse
20. Write detail about morphological, physiological and embryological evidences in support of evolution.
