

D. K. M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**SEMESTER EXAMINATIONS****JUNE - 2022****19CZO6C****EVOLUTION****Time: 3 Hours****Max. Marks: 75****SECTION – A (10 x 2 = 20)****Answer ALL the questions.****Define / Explain the following.**

1. Precell.
2. Connecting links.
3. H.M.S. beagle.
4. Point mutation.
5. Protective colouration.
6. Autogenous transformation.
7. Ancient life.
8. Wallace line.
9. Mass extinction.
10. Dipnoi.

SECTION – B (5 x 5 = 25)**Answer ALL the questions.**

11. (a) Give a brief account on the embryological evidences of evolution.
(Or)
(b) Explain about precipitin test.
12. (a) Give a brief notes on the Neo-Darwinism.
(Or)
(b) Write an account on De Vries concept of Mutation theory.
13. (a) Explain briefly on Genetic Drift.
(Or)
(b) Explain the significance of Neoteny.
14. (a) Give a brief notes on Mesozoic era.
(Or)
(b) Write a short notes on discontinuous distribution.
15. (a) Give short notes on Origin of Amphibian.
(Or)
(b) List out the Reptilian and Avian characters of Archaeopteryx.

SECTION – C (3 x 10 = 30)**Answer any THREE of the following questions.**

16. Write the morphological evidences in favour of the theory of evolution.
17. Describe in detailed on Lamarckism.
18. Write an essay on the genetic equilibrium.
19. Give detailed account on six different zoogeographical regions.
20. Write an essay on cultural evolution of man.

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