

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**SEMESTER EXAMINATIONS****APRIL - 2017****15CAZO4A****ALLIED : ZOOLOGY - II****Time : 3 Hours****Max. Marks : 75****SECTION – A (10 x 2 = 20)****Answer ALL the questions.****Define / Explain the following.**

1. Plasma membrane.
2. Rough Endoplasmic reticulum.
3. Morula.
4. Epiboly.
5. Renewable resources.
6. Sanctuaries.
7. Genetic Engineering.
8. Bioinformatics.
9. AIDS.
10. Vector.

SECTION – B (5 x 5 = 25)**Answer any FIVE of the following questions.**

11. Describe the structure, chemical composition and functions of Golgi complex.
12. Write notes on the Polymorphism in Lysosomes.
13. Write in detail about the Gastrulation in Amphioxus.
14. Explain in detail about the sex linked inheritance in man.
15. Write about the properties of Lamarckism.
16. Write down the role of carbohydrate digestive enzymes.
17. Describe about the natural resources.
18. Write about the Tuberculosis infection in man and how it is controlled.

SECTION – C (3 x 10 = 30)**Answer ALL the questions.**

19. (a) Discuss about the ultra structure and functions of Genes.
(Or)
(b) Write about the structure and functions of the Kidney.
20. (a) Explain the applications of Genetic Engineering in Medical Biotechnology.
(Or)
(b) Explain the applications and significance of Bioinformatics.
21. (a) Write in detail about the Protozoan diseases of man.
(Or)
(b) Write about the Evolutionary importance of Darwinism.