Reg. No. | | | | | | | | | | | |

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1

SEMESTER EXAMINATIONS

APRIL – 2018 15CABC2B

ALLIED: BIOLOGICAL SCIENCE

Time : 3 Hrs **Max. Marks : 75**

SECTION-A (10 x 2 = 20)

Answer ALL the questions.

1. List out the different types of fossils.
2. What is evolution?
3. Explain biomolecules.
4. How will you classify carbohydrates?
5. What are simple tissues?
6. Define vascular bundle.
7. List out the photosynthetic pigments.
8. What is heterotrophic nutrition?
9. Explain transpiration.
10. Which one is power house of the cell?

SECTION-B (5 x 5 = 25)

Answer any FIVE of the following questions.

11. Write notes on Neo – Darwinism.
12. Comment on proteins.
13. Explain about phloem in vascular plants.
14. What are the factors affecting photosynthesis?
15. Write notes on the structure of stomata with a neat sketch.
16. Describe about digestive system in human beings.
17. Explain fossilization process.
18. Comment on reproductive tissues in animals.

SECTION-C (3 x 10 = 30)

Answer ALL the questions.

19. (a) Give an account on geological time scale.

(Or)

(b) Describe about the role of lipids and amino acids in biological system.

20. (a) Discuss in simple tissues in plant system.

(Or)

(b) Write an essay on Calvin cycle and its significance in plants.

21. (a) Give an account on Kreb's cycle.

(Or)

(b) Illustrate the structure of heart and describe its function.

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