

**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE – 1****SEMESTER EXAMINATIONS****APRIL - 2017****15CABC2B*****ALLIED : BIOLOGICAL SCIENCE*****Time: 3 Hrs****Max. Marks: 75****SECTION – A (10 X 2 =20)****Answer ALL the questions.****Define / explain the following.**

1. Fossils.
2. Evolution.
3. Monera.
4. Eubacteria.
5. Sclerenchyma.
6. Axon.
7. Chloroplast.
8. Guard cells.
9. Power house of the cell.
10. Osmosis.

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

11. Write the theories of origin of life.
12. Write short notes on geological distribution of animals.
13. How will you identify amino acids in tissue?
14. Write the classification of fungi in detail.
15. Write short notes on Xylem and Phloem.
16. Write a note on digestive system in humans.
17. Write the properties of water.
18. Explain the mechanism of stomata.

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

19. a) Explain the types and significance of Fossils in detail.

(Or)

- b) Explain five kingdom classification in detail.

20. a) Explain the function of epithelial and connective tissues in animals.

(Or)

- b) Explain calvin cycle in detail.

21. a) Write in mechanism of respiration in humans.

(Or)

- b) Write in detail the structure and function of mitochondria in detail.

\* \* \* \* \*