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

APRIL – 2017

15CACH2A

ALLIED: CHEMISTRY - II

Time : 3 Hrs

Max. Marks : 75

SECTION-A (10 x 2 = 20)

Answer ALL questions.

1. Write any two uses of saccharin.
2. What are fertilisers? Give examples.
3. Differentiate analgesics and antiseptics.
4. Give the causes for cancer.
5. What is meant by zwitterion?
6. Write any two properties of glycine.
7. Write any two uses for EDTA.
8. What is meant by bond order?
9. Write the medicinal applications for Neem.
10. What is meant by Rh factor?

SECTION-B (5 x 5 = 25)

Answer any FIVE of the following questions.

11. Write short note on soil pollution.
12. Explain the preparation and mode of action for detergents.
13. Write the differences between DNA and RNA.
14. Write short note on diabetes.
15. Describe Werner's theory.
16. Explain the M.O diagram for N₂ molecule.
17. Explain the causes and symptoms for malaria.
18. Write short note on blood pressure.

SECTION-C (3 x 10 = 30)

Answer ALL questions.

19. (a) Explain the preparation and uses of the following.
 - (i) Gammaxene. (5 marks)
 - (ii) Triple super phosphate. (5 marks)(Or)
 - (b) Explain the following.
 - (i) Antipyretics. (5 marks)
 - (ii) Anaesthetics (5 marks)
20. (a) Discuss the classification of proteins based on physical and biological functions.
(Or)
 - (b) Explain the preparation and properties of peracids of sulphur.
21. (a) Discuss the preparation and structure of silicates.
(Or)
 - (b) Explain the applications of EDTA and functions of haemoglobin and chlorophyll.

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