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

APRIL - 2016

15CACH2A

ALLIED: CHEMISTRY - II**Time : 3 Hrs****Max.Marks : 75****SECTION-A (10 x 2 =20)****Answer ALL the questions.**

1. What is meant by fertiliser?
2. Give the classification of detergents.
3. Define analgesics.
4. Give one example each for analgesics and sedatives.
5. Give any one method of preparation of amino acids.
6. Write any two physical properties of nucleic acids.
7. What is chelation? Give an example.
8. Write the structure of EDTA.
9. Write any two uses of tulasin.
10. Write the composition of blood.

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

11. How are air and water polluted by chemical industries?
12. Define the following terms and give one example each.
 - a. Tranquilisers.
 - b. Antipyretics
 - c. Antiseptics.
13. Write the causes and treatment for cancer.
14. Write the preparation and properties for glycine.
15. Explain the Werner theory of coordination.
16. Mention the applications of EDTA.
17. Write the causes and treatment for malaria.
18. Explain the preparation and properties of peracids of sulphur.

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

19. (a) How are the following prepared? Give their uses.

- (i) Triple super phosphate
- (ii) Urea.
- (iii) Freons.
- (iv) Saccharin.

(Or)

- (b) Write the sources and consequences of soil pollution. How would you control it?

20. (a) Explain the following.

- (i) AIDS
- (ii) Diabetes.

(Or)

- (b) Explain M.O. diagram of N₂.

21. (a) Write a short note on

- (i) Blood pressure.
- (ii) Rh factor.

(Or)

- (b) Write a short note on

- (i) Proteins.
- (ii) Nucleic acids.