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

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

SEMESTER EXAMINATIONS

NOVEMBER – 2018 15CCH5E

ELECTIVE II : PHARMACEUTICAL CHEMISTRY

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

SECTION – A (10 X 2 =20)

Answer ALL the questions.

1. Define Pharmacology.
2. Write any two uses of Tulasi.
3. Write the chemical name and uses of Dettol.
4. Draw the structure of Sulphafurazole and Sulphathiazole.
5. What are hypnotics ? Give an example.
6. What is meant by Narcotic Analgesic?
7. What is Rh factor ?
8. Write the classification of Anaesthetics. Give example.
9. What is meant by X-ray contrast media?
10. Define Vitamins.

SECTION – B (5 X 5 =25)

Answer any FIVE of the following questions.

11. Define the following terms
    i) Pharmacopeia ii) Virus iii) Vaccine.
12. Write the Five medicinal uses of Neem and Thoothuvalai.
13. Describe the differences between Antiseptics and Disinfectants.
14. What are Antipyretics? Explain their mode of action with suitable examples
15. Explain in detail about the Drugs affecting CNS.
16. Write the uses and disadvantages of the following Anaesthetics
    i) Nitrous Oxide ii) Chloroform iii) Thiopental sodium
17. Discuss the causes and control of Diabetes.
18. Write the classification sources and deficiency diseases of Vitamin A, B, D and K.

SECTION – C (3 X 10 =30)

Answer ALL the questions.

19. (a) Explain in detail about the causes, symptoms and drugs for Malaria, Cholera and Jaundice.

    (Or)

    (b) Define Antibiotics? Give examples. Explain structure and activity of Chloramphenicol.

20. (a) What are Sulpha drugs? Discuss in detail about the Pharmacological action of Suphathiazole and Sulphafurazole.

    (Or)

    (b) Discuss in detail about Morphine and its derivatives.

21. (a) Briefly explain about
    i) Blood pressure ii) Hypertension iii) Hypotension iv) Blood composition.

    (Or)

    (b) Describe the properties, chemical nature and physiological functions of Insulin and Sex hormones

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