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

**SEMESTER EXAMINATIONS**

**APRIL– 2019**

**15CPCH2D**

**ELECTIVE : PHARMACEUTICAL**

**CHEMISTRY**

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**Time: 3 Hrs.**

**Max.Marks : 75**

**SECTION–A(5x 6 =30)**

**Answer ALL the questions.**

1. (a)Discuss the distribution and elimination of drugs.  
(Or)  
(b)Describe the development and concepts of drugs.
2. (a)Discuss the maceration and percolation methods used in drugs.  
(Or)  
(b)Write a note on the formulation of drugs.
3. (a)Discuss the regulations of pharmacopeia.  
(Or)  
(b)Discuss in detail about materials management and laboratory controls of drugs.
4. (a)Briefly explain about i) allergy ii) drug addiction.  
(Or)  
(b)Explain in detail about anticancer drugs and their mechanism.
5. (a)Give an account of i) anaesthetics ii) antiseptics.  
(Or)  
(b)Write a note on the uses of preservatives and additives in pharmaceutical industry.

**SECTION–B(3x15 =45)**

**Answer any THREE of the following questions.**

6. a) Describe the theories of drug activity. (7)  
b) Explain the history and development of QSAR. (8)
7. a) Discuss the evaporation, distillation, centrifugation and filtration methods of drugs. (8)  
b) Explain in detail about polymers, plastics, metals used in pharmacopeia industry. (7)
8. a) Write a note on good manufacturing practices of drugs. (7)  
b) Explain the analysis of paracetamol and ciproflacin. (8)
9. a) Discuss the natural and manmade radio isotopes and their applications. (7)  
b) Explain in detail about antipsychotic drugs with examples. (8)
10. a) Discuss the compounds of disinfectants. (7)  
b) Explain the classification of antihistamines. (8)

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