

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE – 1
SEMESTER EXAMINATIONS
APRIL – 2016 **15CPCH2D**
ELECTIVE : PHARMACEUTICAL CHEMISTRY

Time: 3 Hrs

Max. Marks: 75

SECTION – A (5 X 6 =30)

Answer ALL the questions.

1. a) Discuss the role of kidney in drug elimination.
(Or)
b) Describe the classification of drugs.
2. a) Write a note on maceration and percolation method used in drug extraction.
(Or)
b) Give an account of the packing materials used in pharmacopeia industry.
3. a) Discuss the regulations prevailing in pharmaceutical industry (pharmacopeia).
(Or)
b) Write a note on drug validation.
4. a) What is drug addiction ? Give its adverse effects.
(Or)
b) What are the side effects of different types of drugs?
5. a) Explain the synthesis, advantages and disadvantages of vinyl ether.
(Or)
b) What are antiseptics and disinfectants? Give examples.

SECTION – B (3 X 15 =45)

Answer any THREE of the following questions.

6. Write notes on (8 + 7)
 - a) Drug design.
 - b) QSAR.
7. a) Explain the factors affecting formulation. (7)
b) Give an account of different distillation processes used in pharmaceutical processes. (8)
8. a) Write a note on good manufacturing practices. (7)
b) Explain in detail about the analysis of paracetamol and aspirin drugs. (8)
9. a) Explain the mechanism of action of anticancer drugs. Give examples. (9)
b) Write a note on antidepressants. (6)
10. Give an account of (8 + 7)
 - a) Intravenous anaesthetics.
 - b) Antihistamines.