

[LF 813]

OCTOBER 2014

Sub. Code: 3813

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION**(2009-2010 Regulation)****THIRD YEAR****PAPER I – PHARMACOLOGY - II*****Q.P. Code: 383813*****Time: Three Hours****Maximum: 70 marks****Answer All questions****I. Elaborate on:****(4 x 10 = 40)**

1. What is cell signaling?

Explain any two kinase signal transduction pathway.

2. Discuss life cycle of malaria.

Classify the antimalarial drug and give pharmacology of chloroquine.

3. Classify the antiplatelet drug.

Write the mechanism of action, adverse drug reaction and therapeutic uses of clopidogrel.

4. Define protein. Explain the mechanism and various steps involved in protein synthesis.

II. Write notes on:**(6 x 5 = 30)**

1. Recombinant technology and its application.

2. Histone deacetylase.

3. Classify the immunosuppressants and its clinical application.

4. Classify the protein synthesis inhibitors and give short note on tetracycline.

5. Write a note on plasma volume expanders.

6. Potassium sparing diuretics.
