

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT  
T3 EXAMINATION –JUNE 2016  
B. Pharm VIII Semester

COURSE CODE: 12B1WPY834

MAX. MARKS: 35

COURSE NAME: Therapeutic Patient Monitoring

COURSE CREDITS: 3

MAX. TIME: 2hrs

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Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

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1. If the plasma concentration of Phenobarbital exceeds 60microgram/ml, what are its consequences? State the pharmacokinetics of Phenobarbital. [5 Marks]
2. Does all drug interactions are harmful? Drug and patients equally contribute to drug interactions. Explain. [5 Marks]
3. What is antibiotic resistance? Explain the origin and problem associated with it using examples. [5 Marks]
4. Write a detailed note on the mechanism and spectrum of activity of tetracyclines. Explain its associated toxicity and adverse effects. [5 Marks]
5. Explain whether plasma concentration monitoring of aminoglycosides be used to evaluate antibiotic therapy? [5 Marks]
6. Classify beta lactams and its derivatives. Mention their mechanism and spectrum of activity. [5 Marks]
7. Can drugs accelerate or inhibit metabolism of victim drugs? Explain with examples. [5 Marks]