

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

COURSE CODE: 12B1WPY831

MAX. MARKS: 35

COURSE NAME: Pre-Clinical Evaluation of Drugs

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. What are the different methods used in the evaluation of anti depressant drugs? Explain. [5 Marks]
2. You are provided with a drug which might possess anti diabetic activity. How will you evaluate its properties? Explain both in vitro and in vivo conditions with one example. [5 Marks]
3. Explain the principle and methodology involved in recognition memory evaluation using rodents. [5 Marks]
4. What is Eddy's hot plate method? Explain its protocol and principle involved. [5Marks]
5. How would you evaluate anti Parkinson's drug screening using a rodent model? Explain. [5 Marks]
6. Write a detailed note on the procedure involved in anti-microbial screening of drugs. [5 Marks]
7. Explain the methodology involved in developing an animal model for malaria. Write a note on in vitro anti malarial drug evaluation. [5 Marks]