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Bisht

JAYPEE UNIVESITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

Test-1, Examination- September 2015

B.Pharm- VIIth Semester

COURSE NAME: Drug, Discovery, Design and Process Development

COURSE CODE: 11B1WPY731

COURSE CREDIT: 03

MAX MARKS:15

MAX TIME:1 hr

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

- Q1. Give structure of any two active methylene compounds. [1]
- Q2. Explain synthons and synthetic equivalent with suitable example. [1.5]
- Q3. State and explain Lipinski's rule of five. [1.5]
- Q3. Explain any three CCBFR (carbon-carbon bond forming reactions) with example. [3]
- Q4. Explain various lead discovery approaches used in pharmaceutical industries. [3]
- Q5. Write short notes on followings [5]
- a) High throughput screening
 - b) Structure activity relationship