

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- February 2018

B.Tech. (IT) VI Semester

COURSE CODE: 10B22CI621

MAX. MARKS: 15

COURSE NAME: Information Systems

COURSE CREDITS: 4

MAX. TIME: 1 Hr.

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

- Q1. Elaborate the characteristics of "Quality Information". What role does it play in business processes? [4]
- Q2. What is "System"? Why "Feedback" and "Control" are considered as the key concepts of a system. [3]
- Q3. Differentiate between MVC architecture and 3-Tier architecture. [3]
- Q4. Answer the following questions.
- i. What are the different ways of session management in servlets? [1]
 - ii. Name the life cycle methods of Java servlets. [2]
 - iii. What are the advantages of servlets over CGI in developing web applications? [2]