JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
MID TERM EXAMINATION, SUMMER SEMESTER- JUNE 2018
B.Tech. (IT) VI Semester

MAX. MARKS: 50

COURSE CODE: 10B22CI621

COURSE NAME: Information Systems

MAX. TIME: 2 Hrs.

COURSE CREDITS: 4

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

Q1. What is Information Systems? Elaborate the characteristics of "Quality Information". [7]
Devise methods to determine the cost and value of information.

Q2. What is TPS? Describe its characteristics. What role does it play in business processes? [6]

Q3. Differentiate between [9]

   i) Formal and informal information systems

   ii) Include directive and include action

   iii) Computer system and information system

Q4. Answer the following questions. [12]

   i) What is a scriptlet in JSP? Write its syntax.

   ii) Explain the life cycle of Java servlets. Also write the associated methods.

   iii) What are the advantages of JSP over Servlets?

   iv) What is web application deployment descriptor in servlets?

Q5. What is MVC architecture? Draw and explain its flow diagram with the help of an example. [8]

Q6. Name the different levels of management within an organization? What type of information systems are used on these levels. Explain their functionalities. [8]