

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATION- May 2018

B.Tech. (IT) VI Semester

COURSE CODE: 10B22CI621

MAX. MARKS: 35

COURSE NAME: Information Systems

COURSE CREDITS: 3

MAX. TIME: 2 Hrs.

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

- Q1. [CO1] What is the difference between data, information, and knowledge? Devise methods to determine the cost and value of information. [5]
- Q2. [CO2] i) Identify the major challenges in implementing MIS in an organization. [2]
ii) Explain each of the three members of the information security triad (CIA). [2]
- Q3. [CO6] i) List and describe the major threats against contemporary information systems. [3]
ii) Describe the main components you would include in your organization's framework report for improving systems security and control. [3]
- Q4. [CO4] What are the characteristics of DSS? What role does it play in business processes? [5]
- Q5. [CO5] "Constant technological innovations coupled with evolving managerial strategies resulted in a rapidly evolving and transient nature of contemporary issues in information systems." Comment on this statement. [5]
- Q6. [CO3] Answer the following questions. [5*2 =10]
i) Differentiate between include directive and include action.
ii) Discuss the steps for setting cookies using servlets.
iii) Differentiate between HttpServlet and GenericServlet.
iv) Draw a flow diagram for the life cycle of JSP.
v) Describe the important elements of web application deployment descriptor (web.xml file) in servlets.