

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST-2 EXAMINATION-April, 2019

B.Tech VI Semester

COURSE CODE:10B22CI621

MAX. MARKS: 25

COURSE NAME: Information Systems

COURSE CREDITS: 4

MAX. TIME: One Hour 30Minutes

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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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Q1. (a) Define digital certificate.

(b) Why Servlet is better than CGI?

(c) Differentiate ServletConfig and ServletContext.

(d) Short note on ORB.

(e) Reasons for building pages dynamically?

[1\*5=5 marks]

Q2. Detail the lifecycle of servlets. Illustrate it through example for hospital management portal.

[2.5\*2=5 marks]

Q3. Explain in detail framework, benefits and key components for JSP. [2, 1.5\*2=3 marks]

Q4. Distinguish EJB interfaces and detail each one of them with an example. [2, 1.5\*2=3 marks]

Q5. Detail lifecycle for various types of EJB. [2,2 , 1 marks]