

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATION-2022

B.Tech-Vth Semester (IT)

COURSE CODE (CREDITS): 18B11CI512 (3)

MAX. MARKS: 35

COURSE NAME: INFORMATION SYSTEMS

COURSE INSTRUCTORS: Dr. Ruchi Verma

MAX. TIME: 2 Hours

Note: All questions are compulsory. Marks are indicated against each question in square brackets.

Q1. Discuss the Concept of flow with its elements and justify how it is useful for understanding the domain of Cyber psychology. [CO5] [3 marks]

Q2. Design an e commerce model for the Business-to-government (B2G), Business-to-business (B2B) and Consumer-to-consumer (C2C) environment. [CO6] [4 marks]

Q3. Discuss the SOAP messaging layers. In an event of an error, how are SOAP faults handled and what the common SOAP fault codes. [CO3] [3 marks]

Q4. SoLoMo is empowering consumers and making them the future ready. Elaborate how the LBS Middleware Standards and location techniques enable this statement. [CO4] [3 marks]

Q5. Discuss the role of architecture twin component in System level Information Security Architecture? [CO3][3 marks]

Q6. The Zuconian Bank is required to implement a system with zero discrepancies. Design an approach to achieve this by using the Life cycle Approach of design for a Decision Support System [CO1] [4 marks]

Q7. To design and implement a centralized placement platform for Google: [CO2] [3+3+3]

- a) Design the functional and non functional requirements of the system
- b) Perform the feasibility analysis of this system.
- c) Draw the various types of system designs and an implementation plan for this system.

Q8. How have the insights of Hargittai study explained the cyber psychological behaviour and internet identification of the users? **[CO6] [3 marks]**

Q9. Discuss the various layers that constitute a N- Tier Architecture and elaborate on their functions. **[CO2] [3 marks]**

B Examination December 2023