

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- 2024

B.Tech-I Semester (IT/BT/BI)

COURSE CODE (COURSE CREDITS): 18B11CI512 (3)

MAX. MARKS: 25

COURSE NAME: INFORMATION SYSTEMS

COURSE INSTRUCTORS: DR .RUCHI VERMA

MAX. TIME: 1 Hour 30 Minutes

Note: (a) All questions are compulsory.

(b) The candidate is allowed to make Suitable numeric assumptions wherever required for solving problems

Q.No	Question	CO	Marks
Q1	As an entrepreneur create an effective crowd sourcing plan for your startup. What are the key needs and objectives you aim to address through the crowd sourcing plan and what processes will you establish to effectively engage the target audience, incentivize participation and measure outcomes? Also reflect upon the factors to be considered for corporate and organizational foresight.	2	4
Q2	The stages in the development of e-government reflect the increasing complexity and interactivity of e-government services as they evolve to better serve citizens. Design an e-governance model with respect to the following guidelines: (a) What are the components of the e governance model to be implemented? (b) Illustrate the various interactions in the e governance system. (c) Discuss the stages in the development of the e governance system	5	(3+3+3)
Q3	Elaborate on the key components and features which should be included in an information system to effectively support the implementation of location-based services, and how it can ensure scalability, user privacy, and seamless integration with existing technologies?	4	3
Q4	What are the essential middleware standards for developing location-based services, and how do they facilitate interoperability in diverse application environments?	3	3
Q5	Discuss the key components of SOAP architecture, and how do they work together to ensure reliable message exchange and interoperability between different systems?	4	3
Q6	Illustrate with an example how a WSDL file is structured and used in a web service.	2	3