

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- 2023

B.Tech-Vth Semester (IT)

COURSE CODE (CREDITS): 18B11CI512(3)

MAX. MARKS: 25

COURSE NAME: INFORMATION SYSTEMS

COURSE INSTRUCTORS: DR. RUCHI VERMA

MAX. TIME: 1 Hour 30 Minutes

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*Note: (a) All questions are compulsory.*

*(b) Marks are indicated against each question in square brackets.*

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

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Q1. By crowd sourcing innovation with Planview IdeaPlace, Polaris aims to achieve 80% reduction in time needed to analyze, graduate, and implement new ideas and inventions, changing their R&D process and time to market dramatically, a distinct competitive advantage in a crowded vehicle market.

Design a crowd sourcing campaign for the Polaris to achieve the above mentioned objectives.

(5 marks CO- 3)

Q2. Digital transformation is a central element of Benin's public sector structural reforms. However, pitfalls can be encountered with digital deployment if sufficient attention is not paid to digital governance issues. The Government of Benin turned to Estonia to learn from this small country's experience of becoming a world leader in e-government.

Design a strategy for implementing the e-governance model for Benin through the following steps:

(8 marks CO-2)

- a) Defining the goals and objectives of e-government architecture
- b) Design of the e-government architecture
- c) Steps in implementation of e governance
- d) Classification of the e government

Q3. Discuss in detail the separation of digital natives versus digital immigrants. (3 marks CO-3)

Q4. What are the various forms of participatory culture? Illustrate the functioning of each form with an example. (3 marks CO-2)

Q5. Design the user interface for the Nature Encyclopedia App as per the undermentioned design principles: (6 marks CO-4)

- a) The basic fundamental principles for user centered design.
- b) Transition from Analysis to User-Interface Design
- c) Designing Reports, Statements and Turnaround Documents
- d) Internationalization of the user interface design

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