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School of Computing Science and Engineering

Bachelor of Science in Computer Science

Semester End Examination - May 2024

Duration : 180 Minutes

Max Marks : 100

Sem VI - E1UP601T - Creativity Innovation and Entrepreneurship

General Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Explain the importance of creativity in problem-solving. K1 (2)
- 2) Provide three examples of radical innovations and their impact on industries. K2 (4)
- 3) What strategies can be employed to improve the quality of creativity? K2 (6)
- 4) Evaluate the effectiveness of incubators and accelerators in nurturing startup ventures, discussing their advantages and limitations. K3 (9)
- 5) What are key factors that contribute to fostering a culture of innovation within an organization? K3 (9)
- 6) What elements contribute to creating an environment conducive to creativity? Creative Environment: Psychological safety, autonomy, diversity, collaboration, resources, encouragement of experimentation, celebration of failure. K5 (10)
- 7) Discuss the innovation in emerging economies and discuss how they contribute to the economic development of these regions. K4 (12)
- 8) How does embracing failure contribute to the culture of innovation in entrepreneurial ventures? K5 (15)
- 9) Explain the concept of resource dependence theory and how it guides organizations in managing external resources for innovation. K5 (15)
- 10) Critically evaluate the impact of emerging technologies (e.g., AI, blockchain, biotechnology) on the future of entrepreneurship and business innovation, discussing opportunities and challenges. K6 (18)