

JK Lakshmipat University Jaipur
INSTITUTE OF ENGINEERING AND TECHNOLOGY/ INSTITUTE OF
MANAGEMENT/ INSTITUTE OF DESIGN

End Term Examination, May 2024
B.Tech./BCA/BBA/B.Des, Semester II, 2023-24

Roll No.....

CC1102: Critical Thinking and Storytelling

Time: 2 hours

Max. Marks: 30

Instructions to students:

1. Do not write anything other than your roll number on question paper.
2. Answer only **Three** questions.

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- Q. 1 How might individuals' voting behavior in a recent election be influenced by the process of selectively interpreting information, drawing conclusions, and making decisions, as outlined in the ladder of inference? Please provide a case study example to illustrate this phenomenon in your answer. 10 (LO 2, 3 & 4)
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- Q. 2 Question Formulation Technique (QFT) is a structured approach to formulating and refining questions, enhancing critical thinking and problem-solving skills. Utilizing the QFT method, devise a series of questions to explore and address the following scenario:
Scenario: A coaching institution is experiencing a decline in student engagement and motivation, leading to lower academic performance and increased dropout rates. The administration is keen to understand the underlying factors contributing to this decline and to develop strategies to reverse the trend and improve student outcomes.
Apply the question formulation technique (QFT) to develop a set of insightful questions that will help the institution's leadership team better understand the root causes of the declining student engagement and motivation, and ultimately develop effective interventions to address these issues. 10 (LO1, 3)
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- Q. 3 You are a hiring manager at a software development company tasked with interviewing candidates for a senior developer position. During the interview process, you encounter several cognitive biases that may influence your decision-making: (2 Marks each). 2x5=10 (LO3, 5)
- a) Confirmation Bias: What steps can you take to recognize and mitigate confirmation bias when assessing candidates?
 - b) Halo Effect: Describe how the halo effect could impact your perception of a candidate during the interview?
 - c) Anchoring Bias: What strategies can you employ to avoid being overly influenced by initial impressions or information?
 - d) Dunning-Kruger Bias: What methods can you use to discern genuine proficiency from overconfidence or incompetence?
 - e) Fundamental Attribution Error: In what ways could the fundamental attribution error distort your perception of a candidate's performance during the interview?
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- Q. 4 Using the statements given below, identify the logical fallacy and justify your answer. Discuss how you can avoid the fallacy in the statement. (2 Marks each) 2x5=10
(LO2, 3)
- a) I read Harry Potter and the Sorcerer's Stone, and it was boring. Therefore, all novels by J.K Rowling must be boring.
 - b) Ravi has always been a troublemaker; why should teacher believe his version of the story?
 - c) The law of gravity is true because objects fall to the ground, and we know objects fall to the ground because of the law of gravity.
 - d) A soft drink company doesn't promote their product's taste or nutritional value. Instead, they say that the drink will make you feel happy!
 - e) Those who oppose standardized testing just want to dumb down our education system and make it easier for students to pass without learning anything.
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All the best!