

Indian Maritime University
(A Central University, Govt of India)
End Semester Examinations – June 2025

Programme Name: B Sc (NS)

Semester: IV

Subject Code: UG21T5406

Subject Name: CRITICAL THINKING AND LEADERSHIP & SOFT SKILLS

Date: 11.06.2025	Max Marks: 70
Duration: 03 Hrs	Pass Marks: 35

General Instructions

- (i) All Sections (A, B & C) are to be attempted.
- (ii) Options, if any, are specified in respective section.

Section A

Ten MCQs/Fill in the Blanks of 01 Mark each – Choose the correct answer as applicable.

1. is a statement in an argument that provides reason or support for the Conclusion.
 - a) Explanation
 - b) Premise
 - c) Deductive reasoning
 - d) Inductive reasoning

2. All birds can fly Robin is a bird Therefore robin can fly. This is an example of reasoning
 - a) Inductive
 - b) Deductive
 - c) Non Argument
 - d) None.

3. Which of the following describes an Autocratic Leader?
 - a) One who encourages participative decision-making
 - b) One who values consensus above all else
 - c) One who relies on strict control and individual authority
 - d) One who empowers teams to function independently

4. Which of the following is an example of Transactional Leadership?
- a) Inspiring innovation through shared vision
 - b) Developing team values through emotional bonding
 - c) Rewarding task completion with performance incentives
 - d) Empowering others by delegating all decision-making
5. Which combination correctly lists the Big Five Personality Traits?
- a) Loyalty, Honesty, Intelligence, Empathy, Confidence
 - b) Openness, Conscientiousness, Extraversion, Agreeableness, Emotional Stability
 - c) Patience, Assertiveness, Creativity, Flexibility, Reasoning
 - d) Authority, Control, Friendliness, Morality, Responsibility
6. Which one of the following is a Big Five Personality dimension?
- a) Extraversion
 - b) Agreeableness
 - c) Emotional stability
 - d) all of these
7. Which of the following is NOT a tool for Root Cause Analysis Identification?
- a) Fishbone
 - b) 5 whys
 - c) 8D Method
 - d) D Reframing Diagram
8. Decision making begins with _____
- a) Selecting alternatives
 - b) Identifying decision criteria
 - c) identifying a problem
 - d) Eliminating false alternative
9. Emotional intelligence primarily involves the ability to:
- a) Solve complex problems
 - b) Understand and manage your own emotions
 - c) Read and memorize facts
 - d) Control other people's emotions
10. Which of the following is NOT a component of emotional intelligence as proposed by Daniel Goleman?
- a) Self-awareness
 - b) Self-regulation
 - c) Logical reasoning
 - d) Social skills

Section B

Five Questions of 02 Marks each (2 x 5 = 10 Marks)

11. Give one real-life example each of Deductive and Inductive reasoning.
12. Define necessary and sufficient condition with an example of each.
13. How does decision-making help in problem-solving?
14. Define briefly Root Cause Analysis and Apparent Cause Analysis.
15. List the five elements of positive psychology.

Section C

Seven Questions of 10 Marks each of which any 05 questions to be answered.

- 16.a) Explain counterfactual thinking and explain its significance. Provide two examples of counterfactual thinking. (5 Marks)
- 16.b) Explain Abductive Reasoning with an example. How does it differ from Inductive and Deductive Reasoning? (5 Marks)
17. How can an attitude of gratitude be developed to create a positive environment and a happy, fulfilling life? (10 Marks)
18. Define decision-making and discuss the four key decision-making styles. (3+7=10 Marks)
- 19.a) Your team is assigned to plan an emergency safety drill onboard. Several viable ideas are presented, and team members have different perspectives on how to conduct the drill efficiently. The team has limited time but all members are capable and willing to contribute. In such a situation, which leadership style would you apply to make the best decision? Explain your choice and answer in brief. (7 Marks)
- 19.b) Explain the importance of self-awareness and empathy in handling workplace conflicts. Support your answer with a real-life or hypothetical example. (3 Marks)
20. What are the key differences between transactional and transformational leadership, and how do these leadership styles impact organizational performance and employee motivation? (5+5=10 Marks)
21. Describe the Big Five Personality Dimensions and explain how each trait influences interpersonal relationships and workplace behavior. Support your answer with relevant examples. (10 Marks)

22.a) How can stress be managed effectively in the workplace to improve productivity and employee well-being? (5 Marks)

22.b) How does effective relationship management contribute to a positive work environment and enhance team performance? (5 Marks)

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