

P P SAVANI UNIVERSITY

Third Semester of B. Tech. Examination

November 2022

SEPD2010 Critical Thinking, Creativity and Decision Making

07.12.2022, Wednesday

Time: 10:00 a.m. To 12:30 p.m.

Maximum Marks: 60

Instructions:

1. The question paper comprises of two sections.
2. Section I and II must be attempted in separate answer sheets.

SECTION - I

Q - 1 Answer the following: (Any Five)

[05] CO BTL

- (i) Which statement represents a judgment instead of a fact?
- A. My presentation was excellent. I am sure my boss will promote me now.
 - B. My presentation was excellent. The clients all told me they liked it.
 - C. My presentation was excellent. It won an award from management.
 - D. My presentation was excellent. It was cited as such on my peer evaluation.
- (ii) Which is NOT a likely cause of this situation? "I can't turn on the lamp in the family room!"
- A. The lamp isn't plugged into an electrical outlet.
 - B. We just bought a new couch in a color that matches the lamp.
 - C. There's a power outage in the neighborhood.
 - D. The light bulb in the lamp has burned out.
- (iii) Which of the following statements is NOT true?
- A. Knowledge is the basic material handled by thinking
 - B. Good thinking is always dependent on high intelligent quotient.
 - C. Intelligence is influenced by genes, early environment or a mixture of both
 - D. Thinking is the operating skill through which intelligence acts upon experience.
- (iv) Questioning is the disciplined practice of thoughtful questioning that enables the scholar/student to examine ideas and be able to determine the validity of those ideas.
- A. Socratic
 - B. Reflective
 - C. Structural
 - D. Reflective
- (v) _____ is not one of the stages of Bloom's Taxonomy?
- A. Understanding
 - B. Applying
 - C. Modifying
 - D. Analyzing
- (vi) Which one of the following is one of the four objectives of Critical Thinking?
- A. Productive
 - B. Crucial
 - C. Weighing and Solving
 - D. Creating and Applying

Q - 2 Attempt any Two.

[10] 2 2

- (i) What is 'Critical Thinking'? Discuss four characteristics of Critical Thinking through an

example of real-life situation.

- (ii) Be who you are and say what you feel because those who mind don't matter and those who matter don't mind. - Discuss the said statement with appropriate justification.
- (iii) Examine A P J Abdul Kalam as an Ethical Leader.

Q - 3 Attempt any Two.

[10] 4 4

- (i) What, as per your opinion, are the chief reasons for ineffective execution of 'plastic ban' even after government has banned it? What do you suggest to decrease the problem?
- (ii) Do the 'strict implementation of rules' help in running any institute/organization effectively? If 'yes', how and if 'no', why?
- (iii) Everyone thinks of changing the world, but no one thinks of changing himself. - Discuss the said statement with appropriate justification.

3 5

Q - 4 Attempt any One.

[05] 3 2

- (i) Be who you are and say what you feel because those who mind don't matter and those who matter don't mind. - Discuss the said statement with appropriate justification.
- (ii) Everyone thinks of changing the world, but no one thinks of changing himself. - Discuss the said statement with appropriate justification.

SECTION - II

Q - 1 Answer the following: (Any Five)

[05] 2 2

- (i) Look at this series: 31, 29, 24, 22, 17... What number should come next?
A) 15 B) 14 C) 13 D) 12
- (ii) Choose which pair of numbers comes next. 4 7 26
10 13 20 16
A) 14 4 B) 14 17 C) 18 14 D) 19 13 E) 19 14
- (iii) Which word does NOT belong with the others?
A) Unique B) Beautiful C) Rare D) Exceptional
- (iv) A monopoly could not exist without
A) corrupt B) exclusive C) rich D) gigantic
- (v) Find the word that is a necessary part of the underlined word. WEDDING
A) love B) church C) ring D) marriage
- (vi) Exercise is to gym as eating is to
A) Food B) Dieting C) Fitness D) Restaurant

Q - 2 Attempt any Two.

[10] 4 2

- (i) Discuss the relation between Conceptual Thinking and Socratic Questioning? Discuss the importance of the same to be an effective critical thinker.
- (ii) Write a detailed note on Bloom's Taxonomy with appropriate examples? How it can help you to be an innovator.
- (iii) Elaborate the concept of Second Order Thinking with suitable examples. How it will be helpful to you in future?

Q - 3 Attempt any Two.

[10] 3 3

- (i) 'To understand any nation, one must understand its youth'. Do you agree or disagree with the statement? Write your arguments to support your point of view.
- (ii) 'War is necessary for Peace!' Do you agree or disagree with the statement?

3 3

Write your arguments to support your point of view.

- (iii) In Europe, a woman was near death from a special kind of cancer. There was one drug that the doctors thought might save her. It was a form of radium that a druggist in the same town had recently discovered. The drug was expensive to make, but the druggist was charging ten times what the drug cost him to make. He paid \$400 for the radium and charged \$4,000 for a small dose of the drug. The sick woman's husband, Heinz, went to everyone he knew to borrow the money and tried every legal means, but he could only get together about \$2,000, which is half of what it cost. He told the druggist that his wife was dying, and asked him to sell it cheaper or let him pay later. But the druggist said, "No, I discovered the drug and I'm going to make money from it." So, having tried every legal means, Heinz gets desperate and considers breaking into the man's store to steal the drug for his wife.

Is the husband doing right? Why?

Q - 4 Attempt any One

[05] 4 4

- (i) Dowry (Dahej) is payment made in cash or kind to a bride's in-laws at the time of her marriage. The amount depends on a large number of factors, including region, religion, caste and subcaste, groom's education, bride's skin tone, and the negotiation skills of both the families involved. Even though dowry has been illegal in India since 1961, it is still prevalent. More often, dowry related-abuses are filed under a law that prevents domestic abuse: in 2015, more than 113,000 women reported abuse by their husbands or in-laws, and 7,646 deaths were classified as related to dowry disputes. That is nearly 21 women killed every day by their husbands or in-laws because their families could not meet the dowry demands.

How, as a youth, you can attempt to stop this? Share your ideas and opinions.

- (ii) Nurse Kemp has worked more night shifts in a row than Nurse Rogers, who has worked five. Nurse Miller has worked fifteen night shifts in a row, more than Nurses Kemp and Rogers combined. Nurse Calvin has worked eight night shifts in a row, less than Nurse Kemp. How many night shifts in a row has Nurse Kemp worked?
- A). 08
B). 09
C). 10
D). 11

CO: Course Outcome Number

BTL: Blooms Taxonomy Level

Level of Bloom's Revised Taxonomy in Assessment

1: Remember	2: Understand	3: Apply
4: Analyze	5: Evaluate	6: Create