P P SAVANI UNIVERSITY

Third Semester of B. Tech. Examination
May 2019
SEPD2010 Critical Thinking, Creativity and Decision Making

14.05.2019, Tuesday　　　　　Time: 9:00 a.m. To 11:30 a.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.
3. Make suitable assumptions and draw neat figures wherever required.
4. Use of scientific calculator is allowed.

SECTION – I

Q - 1	State whether the sentence is True or False. (Any Five)	[05]
(i)	'Preparing an assignment' does not involve Critical Thinking.	
(ii)	'Evaluating' is the first stage of Bloom's Taxonomy.	
(iii)	'Eating' involves Decision Making.	
(iv)	Reflective Question means desire to gain review.	
(v)	Inductive type of Thinking starts from a common point and moves into a variety of perspective.	
(vi)	'The earth is round.'- The statement is Fact, not an opinion.	
(vii)	"What is your feedback about this process?" – It is a structural question.	

Q – 2	**Attempt any Two.**	[10]
Q - 2 (a)	Write a note on Socratic Questioning and its importance in your academics.	
Q - 2 (b)	What is Critical Thinking? How it will help you in your professional life.	
Q - 2 (C)	Discuss the characteristics of Critical Thinking. Discuss any two with suitable examples.	

Q - 3 (a)	What are your thoughts on the current state of Pollution in India? Give your ideas to bring changes in the current system to control it, if you find it necessary for the nation.	[04]
Q - 3 (b)	*'Chinese Goods should be banned permanently'.* Do you agree or disagree with the statement? Write your arguments to support your point of view.	[04]

OR

3 (a)	Discuss the role of Youth in making a India healthy place to live in.	[04]
Q - 3 (b)	It's Saturday and you're looking forward to hanging out with friends and having some fun. However, you get two phone calls early in the morning that make you stop and think. First, a friend calls to invite you to an all-day basketball tournament. With tickets, lunch, and dinner, you figure you'll spend $50. That would put a hole in the money you're saving for a future goal. Then your neighbors call offering you the opportunity to help paint their apartment. They will pay you $75 for the day of work. What will you do? Why?	[04]

Q - 4	**Attempt any One.**	[07]
(i)	*"The personality of the person can be measured on the basis of the friends he has."*- Discuss the said statement with appropriate justification.	
(ii)	*Human being is the sole cause for damage of ecosystem.* Discuss.	

Q - 1 Attempt the following (Any Five) [05]

(i) Look at this series: 2 8 14 20 26 32 38, . . . What number should come next?

    A) 2 46 B) 44 50 C) 42 48 D) 40 42

(ii) Choose which pair of numbers comes next.

    61 57 50 61 43 36 61

    A) 29 61 B) 27 20 C) 31 61 D) 22 15 E) 29 22

(iii) Which word does NOT belong with the others?

    A) noun B) preposition C) adverb D) article

(iv) A <u>shoe</u> could not exist without _____.

    A) sole B) leather C) laces D) walking

(v) Find the word that is a *necessary* part of the underlined word.

    <u>WEDDING</u>

    A) love B) church C) ring D) marriage

(vi) Guide is to direct as reduce is to_____.

    A) decrease B) maintain C) increase D) preserve

(vii) Find the pair that has a similar relationship as the pair given below.

    EXPLORE : DISCOVER

    A) read : skim B) research : learn C) write : paint D) think : relate

Q - 2 Attempt any Two. [10]

Q - 2 (a) What is Creative Thinking? How you can improve Creative Thinking? Is it Important in your career?

Q - 2 (b) Write a detailed note on *Bloom's Taxonomy* with appropriate examples? How it can help you to be an innovator.

Q - 2 (C) Elaborate the Second Order Thinking with suitable examples. How it will be helpful to you in future?

Q - 3 (a) Joe is a fourteen-year-old boy who wanted to go to summer camp very much. His [04] father promised him he could go if he saved up the money for it himself. So Joe worked hard at his paper route and saved up the 40 dollars it cost to go to camp, and a little more besides. But just before camp was going to start, his father changed his mind. Some of his friends decided to go on a special fishing trip, and Joe's father was short of the money it would cost. So he told Joe to give him the money he had saved from the paper route. Joe didn't want to give up going to camp, so he thinks of refusing to give his father the money. Is Joe thinking right? Why?

Q - 3 (b) 'China has emerged as a threat to India'. Do you agree or disagree with the [04] statement? Write your arguments to support your point of view.

OR

Q - 3 (a) Judy was a twelve-year-old girl. Her mother promised her that she could go to a [04] special Rock Concert coming to their town if she saved up from pocket money to buy a ticket to the Concert. She managed to save up the fifteen dollars the ticket cost plus another five dollars. But then her mother changed her mind and told Judy that she had to spend the money on new clothes for school. Judy was disappointed and decided to go to the concert anyway. She bought a ticket and told her mother that she had only been able to save five dollars. That Saturday she went to the performance and told her mother that she was spending the day with a friend. A

week passed without her mother finding out. Judy then told her older sister, Louise, that she had gone to the performance and had lied to her mother about it. Louise wonders whether to tell their mother what Judy did

Q - 3 (b) *'War is necessary for Peace!'* Do you agree or disagree with the statement? Write your arguments to support your point of view. [04]

Q - 4 Attempt the following. (Any Three)

(i) The school principal has received complaints from parents about bullying in the school yard during recess. He wants to investigate and end this situation as soon as possible, so he has asked the recess aides to watch closely. Which situation should the recess aides report to the principal? [03]

    A) A girl is sitting glumly on a bench reading a book.

    B) Four girls are surrounding another girl and seem to have possession of her backpack.

    C) Two boys are playing a one-on-one game of basketball and are arguing over the last basket scored.

    D) Three boys are huddled over a handheld video game, which isn't supposed to be on school grounds.

(ii) Taking the train across town is quicker than taking the bus. [02]
Taking the bus across town is slower than driving a car.
Taking the train across town is quicker than driving a car.
If the first two statements are true, the third statement is

    A) True

    B) False

    C) Uncertain

(iii) As they prepare for the state championships, one gymnast must be moved from the Level 2 team to the Level 1 team. The coaches will move the gymnast who has won the biggest prize and who has the most experience. In the last competition, Roberta won a bronze medal and has competed seven times before. Jamie has won a silver medal and has competed fewer times than Roberta. Beth has won a higher medal than Jamie and has competed more times than Roberta. Michele has won a bronze medal, and it is her third time competing. Who will be moved to the Level 1 team? [02]

    A) Roberta

    B) Beth

    C) Michele

    D) Jamie

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