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Code No. : 14144 H


VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS), HYDERABAD*Accredited by NAAC with A++ Grade***B.E. IV-Semester Main & Backlog Examinations, June-2022****Critical Thinking (OE-II)**


Time: 3 hours

Max. Marks: 60

*Note: Answer all questions from Part-A and any FIVE from Part-B***Part-A (10 × 2 = 20 Marks)**

Q. No.	Stem of the question	M	L	CO	PO
1.	<p>The question has a text portion followed by four alternative summaries. Choose the option that best captures the essence of the text. An increase in the median income of the middle class does not cause average levels of education for the middle class to go up. If they did, then countries with the highest median income of the middle class would also have the highest levels of education for this class. In fact, when the median income of the middle class is made suitably comparable for different countries (accounting for inflation, currency fluctuations and purchasing power parity), there is no such correlation.</p> <p>Which of the following can be correctly inferred from the statements above?</p> <p>Countries with the highest median income of the middle class do not have the highest levels of education for the middle class</p> <p>It is difficult to reliably compare the education and income levels of one country with another</p> <p>A reduction in the median income of the middle class of the country will not necessarily lower the average level of education for the said class</p> <p>Countries with low levels of education for the middle class have comparatively higher levels of median income for the middle class</p>	2	2	1	10,12
2.	<p>Identify the fallacies in the statements given below.</p> <p>a) John: I think we should hire someone to redesign our website. Lola: You're saying we should throw our money away on external resources instead of building up our in-house design team? That's going to hurt our company in the long run.</p> <p>b) The majority of people believe advertisers should spend more money on billboards, so billboards are objectively the best form of advertisement.</p>	2	2	1	10,12
3.	<p>The Remote Associates Test (RAT) was developed by Sarnoff Mednick in the 1960s as a test used to measure creative convergent thinking.</p> <p>What single word associates these three words together?</p> <p>a) Sense / Courtesy / Place b) Fence / Card / Master</p>	2	3	6	10,12
4.	<p>J. P. Guilford and associates contributed to the modern psychometric study of creativity and constructed several tests to measure creativity in 1967.</p>	2	5	2	10,12

	One test is to check Alternative uses: You have been asked to list different uncommon uses of a given thing or object. Write down four different ways in which you could use a Bucket?				
5.	Where in the world can you walk 1 mile north 1 mile east then 1 mile south and end up where you started?	2	3	3	10,12
6.	A hunter met two shepherds, one of whom had three loaves and the other, five loaves. All the loaves were the same size. The three men agreed to share the eight loaves equally among them. After they had eaten, the hunter gave the shepherds eight bronze coins as payment for his meal. How should the two shepherds fairly divide this money?	2	4	3	10,12
7.	Which of the following statement best paraphrases the given conversation: A friend tells you, "I'm afraid my boyfriend is seeing his old girlfriend behind my back; I don't know what to do. I can't live without him." Which of the following responses is a paraphrase? a. You're afraid your boyfriend is seeing his old girlfriend behind your back, you don't know what to do, and you can't live without him. b. Don't worry. I'm sure it's not true. He loves you. c. You're feeling very insecure because your relationship was never very strong. d. You're very afraid that your boyfriend may still have feelings for his old girlfriend and you're afraid you'll lose him.	2	3	4	10,12
8.	Look at the SBI bank alert and mention why the website is a fake website?	2	3	4	10,12
	 <p>SBI FRAUD ALERT! Latest fraud on the block. Beware of SMSs sent by fraudsters which if clicked look exactly like the SBI NetBanking page. If you receive such an SMS please delete it. Do not click on the link and do not share your user credentials. Do not fall prey to messages which ask you to update your password or account information at http://www.onlinesbi.digital which is a fake website!</p>				
9.	How to Generate Ideas Using 'SCAMPER' Creativity Tool? Mention 2 to 3 points	2	4	5	10,12
10.	Mention 2 - 3 tools used in idea expansion, for example association flower.	2	5	5	10,12
	Part-B (5 × 8 = 40 Marks)				
11. a)	Fairness is treating all sides alike without reference to one's own feelings or interests. What does it mean to be intellectually fair-minded? Write your	3	2	1	10,12

	answer to this question in not more than 50 to 75 words. Give relevant examples.				
b)	Identify the fallacies in the following statements. 1. Either you'll marry me this week or you don't love me! Surely you love me; so it's settled, you marry me this week. 2. Each time I arrived with flowers two hours late for my dates with Susan, she was upset with me. Susan must really dislike flowers. 3. Melanie and Trudy have the same parents and the same upbringing. Both go to Bellevue College, and both like computer science and sports. Melanie wants to go out with me. Thus probably Trudy does, too. 4. My daughter scored a goal in her soccer game yesterday. I can conclude that extra exercise I encouraged her to do paid off. 5. Reading racy novels leads to looking at porn. Looking at porn leads to viewing other people as mere objects. After a while, that will cause you to assault someone. But we don't want assaults in our society. So we should ban racy novels.	5	2	1	10,12
12. a)	What is this an example of? Write your opinion in about 50 to 75 words.  <p>The image shows a tweet from Meera Singh, Chief Brand Custodian at Gati Limited. The tweet discusses the introduction of excess baggage kiosks at airports, comparing the cost of ₹25 per kg at Gati to ₹500 per kg charged by airlines. It also mentions a past experience at Kolkata airport where a customer paid ₹8000 for excess baggage with Indigo airlines. Below the text are two photographs of Gati kiosks at airports, one labeled 'SHIP EXCESS BAGGAGE' and another with 'GATI KWE Ahead in reach' branding.</p>	3	4	2	10,12
b)	A person's Circle of Influence almost always starts smaller than their Circle of Concern. There are so many things we can't control, yet we expend a lot	5	4	2	10,12

	of energy and time on them. But with time and consistent effort, you can grow your influence to include concerns which you previously had no influence over.				
13. a)	<p>Read the passage below. Then complete the exercise by putting a checkmark next to each statement that is a valid conclusion (one that can be supported by details in the passage).</p> <p>One night I had to look at a page from the Bible for three minutes and then report everything I could remember. "Now, Jehoshaphat had riches and honor in abundance and ...that's all I remember, Ma," I said.</p> <p>And after seeing my mother's disappointed face once again, something inside of me began to die. I hated the tests, the raised hopes and failed expectations. Before going to bed that night, I looked in the mirror above the bathroom sink and when I saw only my face staring back—and that it would always be this ordinary face—I began to cry. Such a sad, ugly girl! I made high-pitched noises like a crazed animal, trying to scratch out the face in the mirror.</p> <p>And then I saw what seemed to be the prodigy side of me—because I had never seen that face before. I looked at my reflection, blinking so I could see more clearly. The girl staring back at me was angry, powerful. This girl and I were the same. I had new thoughts, willful thoughts, or rather thoughts filled with lots of won'ts. I won't let her change me, I promised myself. I won't be what I'm not.</p> <p>-Excerpted from "Two Kinds" in The Joy Luck Club by Amy Tan</p> <p>A. The girl knows that her mother accepts her the way she is. B. The girl promises herself that she will make every effort to please her mother. C. The girl enjoys memorizing passages from the Bible. D. The girl changes from feeling sad to feeling powerful. E. The girl decides to be true to herself.</p>	4	2	3	10,12
b)	<p>Abigail, Oliver, Rosa, and Blake all attend the same summer camp, where they can cook, kayak, rock climb, and zip-line. Each child has a different favorite activity. Can you figure out who likes what?</p> <p>Abigail's favorite activity isn't rock climbing. Oliver is afraid of heights. Rosa can't do her favorite activity without a harness. Blake likes to keep his feet on the ground at all times.</p>	4	3	3	10,12
14. a)	Justin is in the market for a new car. Lately, he's been looking around at dealerships and has even test-driven a few cars. He really liked driving the	4	3	4	10,12

	<p>blue Reliable brand of car that he saw last week, and he knows from reading consumer magazines that the Reliable gets great gas mileage, is very safe, and rarely needs repairs. However, two of his friends recently purchased the new Turbo-X. Although Justin isn't thrilled about how much the Turbo-X costs, and he has read reports of a faulty braking system with the Turbo-X, he has always wanted a sports car.</p> <p>When Justin and his friends were teens, they often hung out downtown and watched a local college guy cruise around in his Turbo-X. From that point on, he and his buddies were envious and all thought that the Turbo-X was the best car that any guy could ever own. And now that Justin's friends have purchased it, Justin is even more convinced that buying a shiny red Turbo-X is the thing to do.</p> <p>Justin recently called his friend Martin to ask him how he was enjoying his new car. Martin was rather non-committal and didn't really sound as if he cared much for the car, and then he told Justin that he was having a difficult time affording the payments on it. Despite this, and despite knowing about the braking systems of the Turbo-X, Justin is absolutely certain that he should own one of these automobiles.</p> <p>This is an example of the _____ or the idea that because everyone else is doing it, that Justin needs to do it, too. His friends are now Turbo-X owners, and he remembers how badly he wanted one of these twenty years ago, so now because his friends have this car, he feels that he needs to have it as well.</p> <p>Give two examples of your life where you have been the victim of this _____.</p>				
<p>b)</p>	<p>Which of the following is an appropriate paraphrase of this original language from a source? Original Language: "Small dogs make more aggressive companions because they see themselves as personal protectors, while large dogs see the entire property as their domain." From an article titled "Why Your Dog is Yippy" by writer John Brown, published in Dog Magazine, on page 27.</p> <p>A. According to John Brown, smaller dogs see themselves as bodyguards, devoted to an individual (27).</p> <p>B. John Brown says that small dogs see themselves as personal protectors, and not guards of the entire property (27).</p> <p>C. John Brown says that small dogs are aggressive because they see themselves as body guards, but large dogs see the entire property as their domain (27).</p> <p>Lionel Messi earns a whopping \$39.6 million a year for playing striker for La Liga's Barcelona team. (Scholastic Book of World Records 2011 page 99) answer choices</p>	<p>4</p>	<p>3</p>	<p>4</p>	<p>10,12</p>

	<p>A. Lionel Messi earns a whopping \$39.6 million a year for playing striker for La Liga's Barcelona team.</p> <p>B. According to the Scholastic Book of World Records 2011, I think it is great that soccer player Lionel Messi earns a whopping \$39.6 million a year for playing striker for La Liga's Barcelona team!</p> <p>C. Soccer player Lionel Messi earns a whopping \$39.6 million a year for playing soccer as striker/winger for La Liga's Barcelona team. Barcelona is the capital of Catalonia and the second largest city in Spain.</p> <p>D. According to the Scholastic Book of World Records 2011, soccer player Lionel Messi makes over \$39 million dollars annually. This impressive salary is from his work as a striker for La Liga's Barcelona team (page 99).</p>				
<p>15. a)</p>	<p>A perception checking statement is a message you create to check your understanding of someone's words or behavior.</p> <p>The benefits of perception checking statements include:</p> <p>a) helping us decode messages more accurately: Our goal is mutual understanding</p> <p>b) Reducing defensiveness & the potential for conflict: helps us avoid assuming too much.</p> <p>Perception Checking has 3 parts:</p> <p>Description - provide a description of the behavior you noticed.</p> <p>Interpretation - provide two possible interpretations of the behavior.</p> <p>Clarification - request clarification from the person about the behavior & your interpretations.</p> <p>Perception Checking Example</p> <p>a) Description of behavior noticed</p> <p>"You haven't called in the few days"</p> <p>b) Two possible interpretations of behavior</p> <p>I am not sure whether you're upset with me or you've been busy</p> <p>c) Request for clarification</p> <p>What's going on?"</p> <p>One has been done for you. Create two on your own.</p>	<p>3</p>	<p>4</p>	<p>5</p>	<p>1,12</p>
<p>b)</p>	<p>C&S: Consequence and Sequel (of an action or decision) (immediate, short term (1 5 yrs), medium term (5 20 yrs), and long term (over 20 yrs) All office work can be done at home via a computer. Is this a feasible solution? Analyse and write your opinion in not more than 50 -75 words.</p>	<p>5</p>	<p>5</p>	<p>5</p>	<p>10</p>

<p>16. a)</p>	<p style="text-align: center;">Creativity Test</p> <hr style="width: 20%; margin: auto;"/> <div style="text-align: center;"> </div> <p>Complete the drawing, create and write a cogent story based on the pictures you have drawn.</p>	<p>4</p>	<p>6</p>	<p>1</p>	<p>10,12</p>
	<p>b)</p> <ol style="list-style-type: none"> 1. In spite of what some say, the number of the poor is rising in America because there is no evidence to suggest that number is decreasing. 2. Susan passed English 301. Joey passed English 301. Kory passed English 301. English 301 must be an easy class, since three out of three students I know passed it. 3. You may tell me that it is cruel to require students to learn Hebrew. But is it any less cruel to require them to enroll in physical education courses? The mental strains of mastering a dead language pale beside the rigors of athletics. 	<p>4</p>	<p>3</p>	<p>2</p>	<p>10,12</p>
<p>17.</p>	<p>Answer any <i>two</i> of the following:</p>				
<p>a)</p>	<p>Video gaming is one of the largest industries in America. Each day more and more children are getting addicted to video games. There have been many video game opponents accusing the industry of becoming too violent. It is not uncommon to play a shoot them up game where ten people are getting killed every minute. Yet, despite societal pressures to eliminate violent video games, as each day passes, more gamers are getting hooked.</p> <ol style="list-style-type: none"> 1. What is the general age group of people who are getting hooked on gaming? _____ 2. What conclusions can you draw about the video game industry? <ol style="list-style-type: none"> a) as time goes on, pressure to make games less violent will decrease the number of shooting games b) as time goes on more parents will prevent their children from playing violent video games c) as time goes on the video game industry will loose money d) as time goes on more and more children will play video games 	<p>4</p>	<p>2</p>	<p>3</p>	<p>10,12</p>

b)	The Dunning-Kruger effect is a type of cognitive bias in which people believe that they are smarter and more capable than they really are. Essentially, low ability people do not possess the skills needed to recognize their own incompetence. Mention 3 -4 real-life examples of the Dunning-Kruger Effect.	4	4	4	10,12
c)	“If the only tool in your toolbox is a hammer, every problem looks like a nail.” – Abraham Maslow. What is your understanding of this quote? Write in not more than 50 to 75 words. Use relevant examples to support your stance.	4	3	5	10,12

M : Marks; L: Bloom’s Taxonomy Level; CO; Course Outcome; PO: Programme Outcome

i)	Blooms Taxonomy Level – 1	25%
ii)	Blooms Taxonomy Level – 2	35%
iii)	Blooms Taxonomy Level – 3 & 4	40%
