

Enrolment No. /Seat No.: _____

GUJARAT TECHNOLOGICAL UNIVERSITY
M.SC(CS)- INTEGRATED – SEMESTER VII- EXAMINATION –WINTER-2024

Subject Code:1370303

Date: 25/11/2024

Subject Name: Personality Development and Aptitude

Time:10:30 AM TO 01:00 PM

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make Suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Use of simple calculators and non-programmable scientific calculators are permitted.
5. There are 29 questions (in 4 sections) in this question paper.
6. Use only OMR to answer this question paper.
7. There is no negative marking.

Section A

Instructions: This section has a scenario. Read carefully before answering the subsequent questions. There are 4 questions in this section. All questions are compulsory. Each question has 3 or 2 options. Choose ONLY ONE option which you consider the most appropriate and mark it on the answer sheet given to you.

Marks: 10

Turning coconut-shells to kitchenware

In 2019, Maria decided to sell coconut-shell based products as she noticed that coconut shells were being thrown away even though they could be used for other purposes. Earlier they were used as utensils but now they don't find much value in our houses.

Initially, she did not want to put in a large investment in purchasing machinery. This is when her father stepped in to help. Being a retired mechanical engineer, he made a low-cost version of the machine while Maria spent this time reaching out to businesses who were willing to buy bowls made of coconut shells from her. After identifying a few businesses, Maria made a few bowls and printed business logos on them. When the orders were delivered, she received positive feedback. Once Maria started receiving more orders, she struggled to make them by herself. So she reached out to artisans and explained about the products. With their help, Maria was able to take on more orders and expand the range of available products.

Source: www.betterindia.com ; 15th June, 2021

1. If Maria sees this as a Success Event, when would she feel successful?
 - a] When customers are willing to pay a higher price for her sustainable products.
 - b] When consumers choose to buy the sustainable products, she makes, for their daily use.
2. Maria's father made the machinery with local products for her business venture. Does that make Maria a Creator of her Destiny?
 - a] Yes. She was able to take her father's help to do what she wanted to do.

- b] Yes. Once she had an idea, she didn't let any constraints or obstacles stop her from converting that into reality.
 - c] No. It was her father who invented the machine from local products and found an answer when no one else could.
3. According to you, in what ways can Maria expand her business as a Contributor?
- a] She could reach out to collaborate with other environmentally friendly businesses to encourage people to stop using plastic and move to environmentally friendly products.
 - b] Apart from selling online, she can also look for corporate organizations, hospitality businesses and organizations that could use her products.
 - c] She could attend exhibitions, fairs and festivals, to sell her products and reach out to more clients.
4. By making the utensils at home, Maria learnt many things. Which of the following is a Root in her Tree of Sustainable Success?
- a] Maria learnt how to save money on production.
 - b] Maria learnt how to make and sell the products & set up a business.

Section B

Instructions: There are 10 questions in this section. All questions are compulsory. Each question has 2 statements. Select ONLY ONE statement that you feel is closest to your thinking and mark it on the answer sheet given to you.

Marks: 20

5. a] A Contributor team member is focused on completing her part of the project perfectly.
b] A Contributor team member is focused on completing the team goal together with other members.
6. Saisha says – “I want to remain fit and healthy but am unable to find time while managing my family and work. I am thinking of quitting my job so that I can focus on my health.”
a] This is a Creator response.
b] This is a Caged response.
7. Which of them is using an Entrepreneurial Approach to work?
a] A dancer, who wants to start a studio where several dance forms can be taught.
b] A photographer, who wants to create her portfolio and send it across to different brands to get project assignments.
8. Below are different statements about our Power to Contribute in our day-to-day lives as a member of the larger community. Identify the statement that is true.
a] Unless I have good relations in the community, I cannot contribute.
b] I can contribute to any member of my community, to make their lives better.
9. Who is choosing a Knowledge Builder pathway in their career?
a] A mathematician who challenges fundamental assumptions in his field of study and tries to arrive at new theories/ answers.

- b] A blogger who documents everything that is happening in his daily life for people to read.
10. Who is thinking like a Contributor?
- a] Sarat: “If I am a class representative, I will make sure that all the challenges of my classmates are communicated to the concerned authorities for effective solutions.”
- b] Samaira: “If I am a class representative in college, I will make sure that I stand out from my classmates and prove that I deserve this position as compared to others.”
11. In this digital age, Artificial Intelligence (AI) tools are taking over many human professions. As a Contributor, I would –
- a] Focus on learning things that the AI tools cannot do and build my capacities there.
- b] Focus on discussing with my seniors whether my career success can be affected by AI.
12. Which of them is demonstrating a Growth Identity?
- a] Romit has always dreamed of owning a restaurant. After completing his engineering, he tells his parents of this dream, but they discourage him because it is too risky. He listens to them and instead starts finding a job.
- b] Noyonika loves to sing. A popular music festival is taking place in her college. The organizers spontaneously ask for some volunteers to sing in front of the audience. Naina goes ahead and sings.
13. Two employees lose their jobs in a mass lay-off done by the organization. Both employees have good performance ratings. Yet, from their approach to work while they had their jobs, who do you think is more likely to bounce back from this tough situation?
- a] Sulekha – “I am in this job now. I will ensure that I focus on my work and do quality work to complete my targets. I should also increase my skills to tackle complex work challenges that I may face.”
- b] Azim – “I am in this stable job now. I just have to somehow complete my targets and get good performance rating so that I can get steady pay raise and promotion.”
14. Which of these professionals is likely to be prepared for handling any future uncertainty?
- a] Vijayalakshmi, a teacher, who prepares for class by reading the subject textbook she needs to teach.
- b] Husn, a doctor, who keeps herself updated with latest trends in the medical field.

Section C

Instructions: This section has 5 questions. All questions are compulsory. Each question has 4 statements and 4 possible option choices. Choose ONLY ONE option (out of the 4 given) and mark it on the answer sheet given to you.

Marks: 10

15. Identify the approaches that lead to Sustainable Success in any career one chooses.
1. Meeting targets and deadlines on time.
 2. Every time you get an opportunity, please your immediate boss to be in their good books.
 3. Spending time every week learning something new that is outside your area of expertise.

4. Finding out what is the goal behind any work you do and who is going to be impacted by it.
 a] 1, 2, 4 b] 1 & 4 c] 3 & 4 d] 1, 2, 3
16. A web designer has good technical skills but wants to become more innovative in his work. What are the things he can do?
 1. Experiment with different styles and unusual designs.
 2. Collaborate with other web designers.
 3. Brainstorm possible ideas to make new design patterns.
 4. Be consistent with methods that have always worked in the past.
 a] 1, 2, 3 b] 1 & 4 c] 2 & 3 d] 2, 3, 4
17. Matthew recently got promoted to a managerial role but many of his friends are now his subordinates. In his new role, what should he focus on primarily? (*Rank in order of most appropriate to least appropriate action*).
 1. Focus on building his subordinates so that they can take on larger responsibilities.
 2. Be polite when delegating and supervising his subordinates' work.
 3. Focus on playing his responsibility without any bias or favoritism towards his friends.
 4. Focus on each person's strengths so that they can perform well in their role.
 a] 1-3-2-4 b] 1-4-3-2 c] 3-1-4-2 d] 2-3-4-1
18. Sudipto and his friends are hosting a 'healthy eating' awareness campaign in their neighborhood. What goal can they focus on? (*Rank in order of most contributive to least contributive option*)
 1. Gain publicity and get more opportunities to organize such events.
 2. Spread the idea of their campaign to as many people as possible.
 3. Ensure people understand the idea of being healthy.
 4. Motivate more people/volunteers to join their campaign team.
 a] 3-2-4-1 b] 3-1-4-2 c] 1-4-2-3 d] 2-1-4-3
19. Identify the statements which demonstrate a Caged Response.
 1. An IT professional: I lost my job due to the recession. The best thing for me now would be to wait, because there are no jobs available in my field.
 2. An MBA student: I did not get my dream job that had come on campus. However, I must make the most of the other opportunities available and focus on getting a job.
 3. A student: I have been irresponsible and failed some exams. I must now clear these backlogs and complete my course.
 4. A working professional: I am unable to be productive while working from home. I have too much to manage and can't be expected to do well in such a situation.
 a] 2 & 3 b] 1, 2, 3 c] 1 & 4 d] 2, 3, 4

Section D

Instructions: There are 10 questions in this section. All questions are compulsory. Each question has 3 options. Select ONLY ONE option that you feel is the most appropriate and mark it on the answer sheet given to you.

Marks: 30

20. Aman has rejoined his old organization. He is asked to work on something that was part of his earlier job profile. He feels dissatisfied with working on what he has already done in the past. If he had a Growth Identity, how would he go about this?
- a] Speak to his manager and ask for new things to work on so that he can get diverse experience.
 - b] Since he is familiar with the work, he can complete his work early and then enjoy his free time.
 - c] Even though the work profile is same, he could find ways to challenge himself, deepen his understanding of the subject and make it more interesting for himself.
21. Kabir has a sales job in a company that manufactures furniture. He plans to develop some skills to improve his sales. Which of the following Roots should he develop first for Sustainable Success?
- a] Kabir can develop his skills to convince people to close the deals and thus meet quarterly targets.
 - b] Kabir can develop knowledge of the product he sells so that he can be confident while selling the product.
 - c] Kabir can develop his ability to understand the needs of his customers to provide accurate solutions for them.
22. Bike riders often drive very carelessly on Indian roads. Which message to drivers could be most effective to make our roads safer?
- a] Let us avoid getting caught by traffic police and paying fines.
 - b] Let us have concern for everyone who uses the road.
 - c] Let us take responsibility to follow traffic rules and regulations.
23. Jinal is preparing for the role of local councilor of her area in the upcoming elections. As a Contributor, which of these questions should Jinal ask the previous councilor?
- a] During your time, what were the activities you had to do every day as a councilor?
 - b] During your time, what were the difficult issues and in what ways did you solve them?
 - c] During your time, how did you manage your family life and the demands of this role?
24. Parth is a data scientist. He is constantly looking for new ways to automate procedures and improve the standards set by other data scientists in his field. Through which Career Pathway is he developing himself the most?
- a] As an Entrepreneur.
 - b] As an Innovator & Creator.
 - c] As a Professional Achiever.
25. The most senior employee, Rathod, has been told by the boss to attend the 'Behaviour Change' program organized by the HR team. Which of these thoughts will help him widen his I CAN zone to see this differently?
- a] "I could add my realistic and practical tips based on my experiences to such a program."
 - b] "Let me participate in the program to get some new ideas."

- c] “Let me be open to new ways of thinking and doing my work.”
26. Trishala, who plays the guitar in her music class, has been asked to play at her college annual festival. She has never done a stage performance before, as she fears playing in front of a large live audience. What do you suggest she should do?
- a] If she is unable to play, she can request her classmate to perform it for the audience.
 - b] She can choose not to think about the performance till the last day and decide to perform depending on how she feels that day.
 - c] She can practice in front of friends and family which can slowly help build her confidence to perform in front of a large audience.
27. Which of the career strategies below do you relate to most?
- a] A career strategy where I take on different roles with new kinds of responsibilities so that I can grow in the kind of work I can do.
 - b] A career strategy that is well planned and involves roles that I am skilled at with a steady growth in pay and promotions.
 - c] A career strategy where I move quickly from one job to another every two years, depending on what may guarantee better prospects.
28. Even though Harvinder didn't get selected for the organizing committee of a technical festival in college, he volunteers to help. Why do you think he is helping?
- a] Because he can anticipate and warn the committee about the problems that may come up during the fest.
 - b] Because it is a chance for him to assist his seniors and build a good relationship with them.
 - c] Because he can add it to his resume if he is part of the festival.
29. How best can a Contributor Entrepreneur, who has set up a garments shop, maximize her contribution?
- a] By sourcing good quality garments consistently for her customers.
 - b] By offering discounts to customers from time to time.
 - c] By creating a direct connect between weavers and customers.