Enrollment No./Seat No.:

GUJARAT TECHNOLOGICAL UNIVERSITY
Bachelor of Engineering - SEMESTER - 1/2 EXAMINATION - WINTER 2025

Subject Code: BE01R00141   **Date: 01-01-2026**

Subject Name: Universal Human Values

Time: 02:30 PM TO 05:00 PM   **Total Marks: 70**

Instructions:
1. Attempt all questions.
2. Make Suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

			Marks
Q.1	**(a)**	Define value education. Why is it necessary in today's world?	**03**
	(b)	Explain the role of education in holistic development with an example.	**04**
	(c)	Analyze how fundamental human values (truth, peace, love, compassion) guide ethical decision-making in personal and professional life.	**07**
Q.2	**(a)**	What is self-awareness?	**03**
	(b)	Illustrate with an example how imagination and action influence one's self-development.	**04**
	(c)	Evaluate the importance of self-exploration in achieving happiness, peace, and contentment in life.	**07**

<div align="center">OR</div>

	(c)	Analyze the impact of lack of affection and guidance in a family setting with a real-life or case-based example.	**07**
Q.3	**(a)**	State any three foundational values that strengthen family relations.	**03**
	(b)	How does respect and gratitude play an important role in family harmony? Explain with an example.	**04**
	(c)	In a family of five, the father believes in strict discipline and rarely spends time talking with his children. The mother tries to mediate but feels unheard. The children, on the other hand, feel their opinions are ignored, leading to arguments and emotional distance. The family is financially stable but emotionally divided.	**07**
		Analyze the role of mutual respect and affection in restoring harmony in the family. Suggest steps each family member should take to build healthier communication.	

<div align="center">OR</div>

	(a)	Explain how universal brotherhood fosters cross-cultural respect.	**03**
	(b)	How does interdependence between living and non-living beings ensure sustainability?	**04**

(c) Rahul, a final-year engineering student, receives two job offers. The first is from a multinational corporation with a salary package three times higher than the average, but the work involves creating software that may promote consumerism and addiction. The second is from a social enterprise developing affordable healthcare technologies for rural India, with a much lower salary but high societal impact. Rahul feels torn between financial security and meaningful contribution. **07**

Analyze Rahul's dilemma in terms of basic human aspirations (happiness, prosperity, harmony). Suggest how value education can help him arrive at the right choice.

Q.4 (a) What is the goal of human beings living in society? **03**

(b) Explain the role of trust and cooperation in community building. **04**

(c) Analyze how inclusivity and diversity contribute to social harmony with relevant examples. **07**

OR

(a) What is collaborative problem-solving approach? **03**

(b) In a small town, two communities with different cultural practices have lived peacefully for decades. Recently, due to a political rumor spread on social media, mistrust and small clashes have begun. Local businesses are suffering, and children from different communities no longer play together. The atmosphere is tense, and society risks breaking its long tradition of trust. **04**

How can inclusivity and trust help in resolving the tension between these communities?

(c) Consider Case study from Q-4 (B). **07**

Evaluate the role of social institutions (schools, local leaders, NGOs) in restoring peace and strengthening social cohesion.

Q.5 (a) Two neighboring countries share cultural ties, trade, and tourism, but also face recurring border disputes. A minor incident leads to escalation on social media, fueling hatred among citizens. Students and professionals who previously collaborated now hesitate to work together. Political leaders face pressure to act aggressively, risking long-term peace. **03**

How can the principle of Vasudhaiva Kutumbakam (the world is one family) help in such conflicts?

(b) List the four orders of nature. **04**

(c) Evaluate environmental ethics in the context of sustainable development with suitable case studies. **07**

OR

(a) What do you understand by the term "Vasudhaiva Kutumbakam"? **03**

(b) A chemical factory near a village discharges waste into the local river, contaminating water that villagers use for drinking and farming. Cases of illness and crop failure have increased. The factory argues that it provides jobs and supports the local economy, so shutting it down will harm villagers financially. Villagers are caught between economic survival and health. **04**

Apply the concept of environmental ethics to suggest immediate actions for this situation.

(c) Consider Case study from Q-5 (B). **07**

Evaluate the conflict between economic development and sustainability in this case. Propose a solution that balances employment with ecological harmony.

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