

THE KAVERY ENGINEERING COLLEGE*(An Autonomous Institution)***UG/PG DEGREE END SEMESTER THEORY EXAMINATIONS, APRIL-MAY 2026****Seventh Semester****Mechanical Engineering****GE3791 - HUMAN VALUES AND ETHICS***(Common to All UG Branches)***Regulations - 2021****Duration : 3 Hrs****Maximum : 100 Marks****PART – A (ANSWER ALL QUESTIONS) (Marks 10*2=20)**

Q.No	Questions	BTL	CO	Marks
1.	What is democratic equality?	L1	1	2
2.	Write about citizen participation in Governance.	L1	1	2
3.	What is the significance of secular values in a democratic society?	L2	2	2
4.	How is the acceptance of all faiths promoted through public policies?	L2	2	2
5.	Define inductive thinking in science.	L1	3	2
6.	Differentiate between empiricism and rationalism.	L2	3	2
7.	What is social discrimination?	L1	4	2
8.	Mention any two examples of inclusive practices implemented in institutions.	L2	4	2
9.	List the key areas that the scientific ethics encompasses.	L1	5	2
10.	Indicate the importance of ethical training for scientists.	L2	5	2

PART – B (ANSWER ALL QUESTIONS) (Marks 5*16 = 80)

Q.No	Questions	BLT	CO	Marks
11. a	Describe the concept and principles of fraternity as enshrined in the Indian Constitution. Discuss its significance in promoting unity and integrity among the citizens of India.	L2	1	16
	Or			
b	Explain the major causes, events, and impacts of the Indian Freedom Movement on the development of modern democracy in India.	L2	1	16
12. a	Discuss the concept of secular values and their significance in maintaining a democratic society. Illustrate how secular values contribute to social harmony and the protection of individual rights.	L2	2	16
	Or			
b	Explain the rules and principles of encouraging non-discriminatory practices.	L2	2	16
13. a	Elaborate the process of proposing and testing a hypothesis in scientific research.	L2	3	16
	Or			
b	Demonstrate the concepts of rationalism and scientific temper. How do they influence scientific research and thinking?	L2	3	16

14.	a	Analyze the impact of gender bias in the workplace and propose strategies to create a more equitable work environment.	L4	4	16
Or					
	b	Analyze the effectiveness of constitutional protections in promoting social equality. Discuss specific examples of how these protections have been implemented to address social inequalities and suggest improvements.	L4	4	16
15.	a	Discuss the importance of transparency and fairness in scientific research. How do they contribute to the credibility and integrity of scientific work?	L2	5	16
Or					
	b	Discuss the role and responsibility of scientists in ensuring ethical use of scientific inventions for societal betterment and suggest solutions to prevent misuse.	L2	5	16
