



Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058, India

(Autonomous College Affiliated to University of Mumbai)

Mid Semester Examination

October – 2023

Max. Marks: 30

Class: Final Year BTech

Course Code: OEET3

Name of the Course: Consumer Electronics

Duration: 1Hrs

Semester: VII

Branch: Open Elective for all branches

Instruction:

- (1) All questions are compulsory
- (2) Draw neat diagrams
- (3) Assume suitable data if necessary

Q No.		Max. Marks	CO
Q.1	What is thunderbolt? Define the important specifications of thunderbolt.	6	CO3
Q.2	In the early days of television, what type of screen technology was commonly used before the advent of LCD and LED displays? Compare the early days of television screen technology with LCD and LED displays.	6	CO1
Q.3	Explain the purpose of "Shimming" used in MRI machine? Explain the concept of gyromagnetic ratio used in MRI (Magnetic Resonance Imaging) machines.	6	CO5
Q.4	State at least eight domains in the real world applications where haptic technology is not only innovative but beneficial also. How?	6	CO1
Q.5	State key features and components of Wacom technology used in stylus pens.	6	CO1

