



ST. JOSEPH'S INDIAN COMPOSITE PU COLLEGE

#23, Vittal Mallya Road, Bangalore – 560001.

SUBJECT: ELECTRONICS (40)

CLASS - I PUC

PORTION FOR SECOND QUARTERLY TEST – 2024-25

CHAPTER: 4B. Passive Electronic Components, Inductors,

Transformers, Transducers.

6B. Semiconductors, Diodes and Applications of Diodes:

Filters, Zener Diode, Voltage Regulators, Design of practical regulated power supplies, Special Diodes, LED, Seven Segment Display.

8A. Introduction to Digital Electronics :

Introduction, Number System, Boolean Algebra,



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Chapters - 6. Oscillators,

7. Wireless Communication

8. Modulation & Demodulation

13. Modern Communication