BE - BASIC ELECTRONICS

SURENT ET/STUDENTS

GUJARAT TECHNOLOGICAL UNIVERSITY

BE: SEMESTER - 1 & 2

Subject Code: 3110016

Subject Name: Basic Electronics

SOME IMPORTANT QUESTION BANK

- Explain EX-OR and EX-NOR gate with truth table and construct CR gate using diodes. (7M)
- Write a truth table of AND, NAND, and NOR gates. Or explain the following gate using their truth table, logic symbol, and equation: EX-NOR, NAND, NOR. (3M)
- 3. Draw symbol and explain truth table of all basic logic gates. (7M)
- 4. Explain the bridge rectifier with diagrams. (4M)
- 5. Explain (i) Universal gate (ii) EX-OR logic gate. (4M)
- 6. Compare BJT with FET and explain D MOSFET. (7M)
- 7. Compare the logic families and explain any one of them. (7M)
- 8. Write a short note on E MOSFET as an amplifier. (4M):



CTU IMP QUESTIONS

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Arturo Cuomo

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 - The Rise of Digital Reading Gtu Basic Electronic Papers Download
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Gtu Basic Electronic Papers Download
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
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 - User-Friendly Interface
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 - Personalized Recommendations
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