# BE - BASIC ELECTRONICS

GARANT ETA ETABLATE

**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):



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SJ Ball

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web trained in several skills as laid down by the project work plan of this proposal how ever the expected out put are 1 the registered youth will acquire skills of in hand craft training carpentry skills and metal fabrication welding business skill training and basic financial management there shall be training in tailoring and

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web the proposal is designed to improve youth s way of life and create early awareness in our project areas our strategies for widows and orphan will enable them access sustainable skills

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web this situation justifies the rationale for supporting the youth employment skills development project focusing on poor and vulnerable young people of the country and young people voluntarily repatriated from abroad building on lessons learned from the previous project this project will train 2400 vulnerable and disadvantaged youth target

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web apr 1 2019 project goals and objectives  $\emptyset$  recognition of the national youth council nyc as the voice of the youth  $\emptyset$  sensitize all youth empowerment initiatives about the functions of nyc  $\emptyset$  mobilize

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