

GOVT, POLYTECHNIC, NAYAGARH
INTERNAL ASSESSMENT EXAMINATION - 2022(w)

Sub: - BE & BEE

BRANCH: - Civil & Mechanical

FULL MARK: - 20

TIME:-1HR.

Answer all Questions

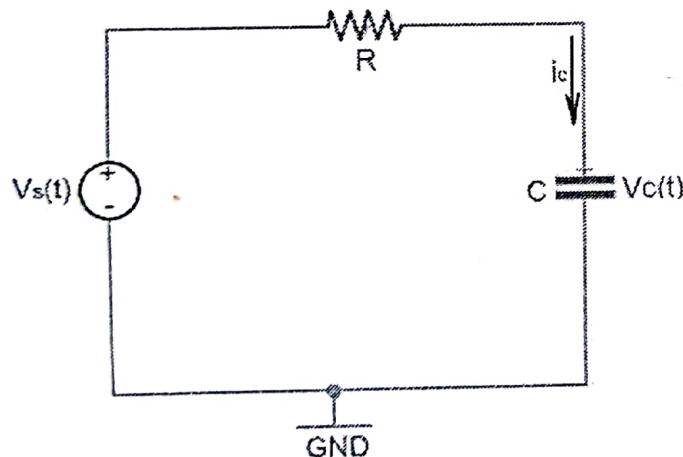
2×5=10

- What is electronics emission?
- Write down the Statement of KVL & KCL?
- What is the function of filter?
- Write down the relation between α and β ?
- Difference between Rectifier and oscillator?

Answer Any two questions

2×5=10

- Explain the working principle of Full wave Rectifier.
- Explain the working principle and use of PN junction diode with neat circuit diagram.
- Derive the expression of Impedance and phase angle?



- With the neat diagram Write down the working principle of DC Generator.