

Assignment-5.

- Q1 Draw complete V-I characteristic of a Diode
[02] May/14 & [02] Dec/12
- Q2 Define filter and write down types of filters
[02] Dec/12
- Q3 Explain input characteristics of common emitter configuration
[04] Dec/12
- Q4 Explain with circuit-diagram and waveform also working of centre tap full wave rectifier with capacitor filter.
[04] Dec/12 & [04] May/14
& [04] Dec/14 & [02] May/15
- Q5 Define ripple factor and voltage regulation for rectifier circuits.
[02] May/13
- Q6 What is function of filter in rectifier circuits? Explain with appropriate waveforms [02] May/13
- Q7 Draw and explain output characteristics of a transistor in CE configuration [04] May/13
- Q8 Draw and explain halfwave rectifier with appropriate waveforms. [04] May/13 & [02] Dec/13
and circuit diagram [04] May/15.
- Q9 Explain series inductor filter [02] Dec/13
- Q10 Explain circuit diagram & working of

C.E. configuration of BJT. [04] Dec 13 & [04] May 14

Q11 Explain the circuit diagram & waveforms of Bridge rectifier [04] Dec 13 & [02] Dec 14 & [04] May 15

Q12 What is function of filter in rectifier circuit? Draw circuit of rectifier with inductor filter [02] May 14

Q13 Draw the circuit diagram of halfwave rectifier with capacitor filter and the corresponding input & output waveforms for the same

Q14 With the help of neat diagram explain the input ^{and output} characteristics of an NPN transistor in the common emitter configuration. [04] ~~May~~ Dec 14 [04] May 15