

EC-8351 Electronics Circuits-I Important 2Mark questions

Unit I

1. Define Stability Factor.
2. What are the parameters that the operating point depends upon?
3. When does a transistor act as a switch?

Unit II

1. What is the slope of AC load line?
2. Why are common emitter amplifiers more popular?
3. What are the benefits of h-parameters?

Unit III

1. Give the relation between pinch off voltage and drain resistance.
2. Write two reasons why a hybrid parameter model is used in small signal analysis.
3. Compare the characteristic of small signal amplifier with large signal amplifier.

Unit IV

1. What is meant by gain band-width product?
2. Why are h-parameters not used at high frequencies?
3. Define rise time. Give the relationship between bandwidth and rise time.

Unit V

1. Compare SMPS with linear power supply.
2. Define ripple factor.
3. Summarize the TUF of HWR and FWR.