(1)- Helps know max, min current/hollege upto which device works safely:

(i)- Helps know operating I and V of a device.

(ii) Necessary to bias a bransistor. 5) DC Load line as amplifier ->
i) It is the locus of all points at which BJT is in a line Used to determine @ point. It is the load line of DC equivalent circuit defined by reducing reactive components to zero. It is drawn considering saturation and cutoff regions 6) When we biss a transister and North apply a signal at input lead line, it is drawn in DC scondition. There is no amplification, as signal is absent.

But when signal is given, the line is called AC lead line.

