

Thapar Institute of Engineering & Technology, Patiala

Department of Electronics and Communication Engineering

Course Code: UEC-301; **Course Name:** Analog Electronic Circuits

B.E. (ENC) (III-Sem), July – Dec 2020

“Tutorial Sheet No. - 2”

[1]	Draw the majority and minority carrier flow of pnp transistor.
[2]	Draw the input and output characteristics of common emitter and common collector transistor configurations.
[3]	What do you mean by reverse saturation current?
[4]	Derive the relation between I_{CBO} and I_{CEO} .
[5]	Derive the relation between α and β .