

Submission deadline is 19th October 2021

Analyze the amplifier shown in the circuit below and find

- i. DC values of
 - a. Base voltage (V_B)
 - b. Emitter Voltage (V_E)
 - c. Emitter Current (I_E)
 - d. Collector Current (I_C)
- ii. Draw the small signal equivalent circuit using π -model according to the requirement (result in easy solution).
- iii. Find Voltage gain (A_V)
- iv. Simulate the circuit in LTSpice

