9 For the close of power anglose show how, so VP - 1 Curtput voltage is lended to the variety between the Avandor point and Vos my to minime the nonlinear distortion

calculate the power conversion efficiency

10. For the class A Dower amplifor shown ludor, VI 119 THE POST INTO Convertion efficiency

VI 119 THE BY VDD=10V, RI=100KN, RI=50K

RD =5 KN, RS=1KN, VTIV,

KN=0.5 MA/v² (calculate) a) Derive the power By VDD= 10V, RI=100KA, RI=50KA

PSOV, BOT

(The to the input signal the output drain convert Joes letween StomA and StomA: The UDS Swings between lov and IV. Determine the conversion Attidency

For days B power HOSFFT and, derive the power effecting and mad power efficiency.

compare the characteristics of class A and class B power emplifier.

B. Consider the class AB power Moster, determine the required biasing if Vbs = 200 and RL = 10 sc, the transistors are matched and the parameter one kn = 0.5 mA/v² and VT= 10, the quiscent drain current to 200, of the load current when Vs = 8V

