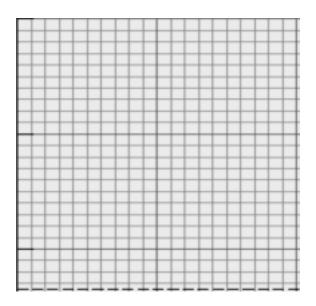
CSE 310 (Electronics-II) Spring 2022 Class Test -1

Student ID – Time: 40 min Q-1. What are the differences between pJFET and pMOSFET

(enhancement type)

Q-2. For a FET (N-type), $I_{DSS} = (7 + \text{Last digit of your ID})$ mA and $V_P = -(6 + \text{Sixth digit of your ID})$ V. Sketch the transfer curve of the Transistor. Then find I_D at $V_{GS} = -4$ volt from the graph. Also calculate V_{GS} at $I_D = 6$ mA by mathematical technique (You can use the following graph or a freehand drawing).



		1