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Department : Electronics and Communications Engineering		No. of pages : 1
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Course Name : Electronics (2)		Exam : Mid Term Exam
Course Code : ECE 123		Examiner : Assoc. Prof. Ahmed Nabih Zaki Rashed

Student name:

Section:

Question 1.

(10 Marks)

- Sketch the basic output characteristic curve of junction field effect transistor. Clarify the basic regions of operation on the graph.
- Explain in details the difference in junctions between bipolar and field effect transistors. Clarify your answer in a table.
- Sketch the basic schematic view circuit diagram of fixed bias N-channel JFET. Show how to determine the drain current and drain to source voltage in the circuit?.

مع تمنياتي لكم بالنجاح والتوفيق

د. / احمد نبيه زكي راشد