Signature Return of Exam (check one) : in Class or from Susan Miller, Program Coordinator (with ID) PAC C136	Last Name, First Name	_ student id	score
Return of Exam (check one) : in Class or from Susan Miller, Program Coordinator (with ID) PAC C136	Signature		
	Return of Exam (check one) : in Class or (with ID) PAC C136	from	l Susan Miller, Program Coordinator

READ THIS ENTIRE PAGE NOW, BEFORE THE HALF-HOUR BELL. Do <u>not</u> open the exam before the bell.

You will have 50 minutes after the bell to complete the examination. Exam papers will no longer be accepted after 55 minutes have elapsed.

Cell Phones are not allowed during the Exam

Before the exam begins:

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- Print and sign your name, and write your student ID number in the spaces on this page (above).
- Write your name and student ID number on your bubble sheet, and fill in the corresponding "bubbles" using **dark** pencil marks.

During the exam:

- **Important!** When the exam begins, print your name and student ID number at the top of each and **every** page. Do this **first** when you are told to open your exam.
- If you are confused about a question, raise your hand and ask for an explanation.
- If you cannot do one part of a problem, move on to the next part.
- This is a closed book examination. You can only use the formula sheet provided.
- You may use a calculator, but not a computer or other programmable device.
- Please turn off your cell phone.

For multiple-choice problems (those on white paper):

- Fill in bubble sheets carefully and **darkly**. Make no stray marks. If you must erase, erase completely.
- Also circle your choices directly on the exam paper for later reference.

For hand graded problems (those on colored paper):

- If you need more space than is available to answer any part of a problem, use the **back side of the same page** to complete your answer. Clearly indicate to the grader that you used the back side. Do <u>not</u> use scratch paper; it will be ignored.
- Show your work in enough detail so that the grader can follow your reasoning and your method of solution. Circle your answers, and state units if appropriate. For numerical answers 2 significant figures (*e.g.*, 1.2s, 6.1x10² m) will be sufficient unless otherwise stated in the problem.