

Write your name here \_\_\_\_\_

Write your answers to each section on a separate Scantron card.  
Hand in both your Scantron cards and this question sheet



Own materials needed: scientific calculator  
Standard formula sheet

All needed data are provided in the questions. Use acceleration due to gravity =  $9.80 \text{ m/s}^2$ .



*You may use this question sheet or scratch paper for working. No credit is given for it.*

**Section A** contains 12 problems and will count **17%** of the overall course grade

**Section B** contains 14 conceptual questions and will count **8%** of the overall course grade

