PHYSICS 121 QUIZ 1 8/30/2017

NAME: SECTION:

For questions 1-11, circle the correct choice at the end of each statement. For questions 12-15, solve the mathematical problem.

1) Late homework is permitted up to 1 day past the deadline. (True or False)

2) I can ace all the exams, not go to lab and still pass the course. (True or False)

3) Alphanumeric calculators are permitted on the exams and discussion quizzes as long as the instructor clears the memory. (True or False)

4) Even if I ace all parts of the course, if I don't take the final exam I cannot pass the course. (True or False)

5) The final course grade is based on a curve (not on absolute scale) such that my grade in this course is linked the he performance of others. (True or False)

6) What is the recommendation concerning what you should do with your notes after lecture- and why. (True or False)

7) In this course, memorization is: a) Key b) Key c) Key d) second to a good understanding of problem solving approaches and the concepts presented.

8) I can bring an index card, with typed information to each exam. (True or False)

9) The instructor is unwilling to make exceptions and reschedule midterm exam times for me if an issue arises (personal crisis). (True or False)

10) It is optional to bring my iclicker to lecture. (True or False)

11) If I miss more than 3 labs I can still pass the course. (True or False)

A triangle in the x-y plane has vertices located at the points (0,0), (1,0) and (2,1).

12) Draw the triangle and label each side and angle. Find the length of each side.

13) Solve for one angle in the triangle above using the Law of Cosines.

14) For what values of θ does $\cos(\theta) = 0$? How about 1? What are the values of $\sin(\theta)$ at these points?

15) In SI, what are the units of displacement, velocity, and acceleration?