

Physics 11 Test 1

Time : 1.5 hrs

Abdullah Zubair

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1 Preamble

This is a test covering what we have learnt so far in lecture, that being Sections 1,2,3. The time expected to complete this test is just under an hour and half granted that the student is adequately prepared.

2 Allowed Aids

The following aids are allowed on the Test

- Pencil, Pen, Eraser, Ruler, Protractor, Spare sheets of **blank** paper.
- Reference sheet (**FROM WEBSITE ONLY**)
- Basic scientific calculator

3 Restrictions:

The student is not allowed to communicate with any outside source, nor allowed to access any external aid on the internet,etc. The student may ask the instructor (ME) any questions or confusions but is advised to do so only when all else has failed due to the time constraints.

4 Name and Date:

Print your name and todays date below;

Name

Date

Question 1:

Answer the following True / False questions (**Assume [North],[East] is positive**)

1. The maximum height I can jump on a trampoline is $d = 50$ m. I jump 3 times on the trampoline and the time elapsed was $\Delta t = 2$ min. (**Assume** that a single jump means I reached my maximum height and landed back on the trampoline)
 - (a) My average velocity relative to the trampoline was $\vec{v}_{av} = +50$ m/s. (T / F)
 - (b) My average speed was