PHYA10F – TEST#1 Sample Solution

Instructor: Prof. Salam Tawfiq ***Oct. 14, 2023***

Time: ***90 Minutes***

Note: Write your official name as it appeared in ACRON and write your practical group number and/or name of your TA. Falling to do so, 2 points will be deducted.

You may use a non-programmable calculator and one aid sheet. ***The aid sheet must be hand-written on a normal (8.5 by 11) page, one side is acceptable with a maximum of 20 equations***. It should contain formulae only no definitions, graphs, explanation or problems and will be collected at the end of the test. No other aids are allowed. This includes neighboring students. Cell phones and other electronic devices will be confiscated if they make noise or if you are using them.

Answer all the questions. ***There are 10 multiple-choice (MC) questions and 3 short answer questions & problems.*** The multiple-choice questions are worth 3 mark each. The short answer questions and problems are worth 10 marks each. The test is out of a total of 60 marks.

Do not remove the staple. There are a couple of blank sheets at the end for rough work; you may carefully remove them if you wish.