PHYA10F – 2022 TEST#2

Last Name First Student #
Practical group # (or TA name):

Instructor: Prof. Salam Tawfiq ***Nov. 18, 2022***
Time: ***90 Minutes***

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 questions and 3 short answer questions & problems.*** The multiple-choice questions are worth 3 mark each. The short answer questions and problems are all worth 30 marks. The test is out of a total of 60 marks. You may use **a pen or a pencil** to write part-B of the test. However, choosing to write with **a pencil means that you cannot ask for remarking** of any question after the test.