

Name: _____ Date & Time of Practical: _____.

Student Number: _____ Name of your TA1: _____.

Pre-Practical Question Sheet 7

Instructions: Please print this page, fill out brief answers to the questions below, and turn in the sheet to the box at the front when you arrive to Practicals this week. (Alternatively, you may write out the answers on a blank piece of paper. In this case, be sure to put your name, date & time of Practical at the top, and clearly number each question you are answering.)

1. There is a round clock on one of the six surfaces which enclose the Practicals room MP127. Which surface is the clock on? (circle one)

NORTH

EAST

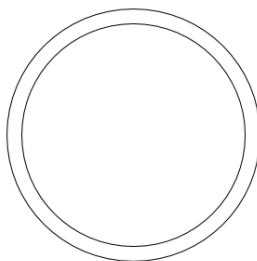
SOUTH

WEST

TOP

BOTTOM

2. A loop of wire carries an electric current that is traveling in the clockwise direction. What is direction of the magnetic field created by this current? [Show the direction on the sketch in some representative places.]



3. What does it mean to “tare” a measurement device?
4. How does the magnitude of magnetic field generated from an infinite wire vary with distance from the wire?

Mark out of 2: