- 1. Describe an example of each of the following: the force of gravity causing acceleration via change in speed only; change in direction only; and change in both speed and direction .
- 2. Explain how Electricity and Magnetism are related (you need a few sentences here).
- 3. How are electromagnetic waves produced and detected?
- 4. What are the **three** main characteristics of the hypothetical ether and what reasons were given for them?