Hill Side School

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Central Administrative office (CMC Campus)
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P.O.Box 21616 Addis Ababa, Ethiopia
hillside @ ethionet.et

Full Name: _____ Grade: 7 Section: _____

Subject: Physics Year: 2012 E.C 3rd *work sheet 6*

PLEASE ATTEMPT THE FOLLOWING QUESTIONS AFTER STUDYING THE NOTES ON YOUR TEXT BOOK FROM PAGE 150-166.

I. Give short answer for the following questions.

1. What are magnetic lines of force?
2. Describe the common properties of magnetic lines of force.
3. Sketch the magnetic lines of force
   a. for a bar magnet
   b. between two unlike magnetic poles {North with South}.
   c. between two like magnetic poles{South with South and North with North}
4. Why does a compass or a suspended magnet always point to the geographic North Pole?
5. List 5 uses of a magnet.
6. What does the term electrostatics stand for?
7. Describe the two types of electric charges.
8. What charges are carried by
   a. Protons b. Electrons c. Neutrons
9. When do we say an atom is electrically charged?
10. Define atom.

Stay home, stay safe!

Happy Easter!