Name: _____ Date: _____

Fun with Magnets

Q1. Why should we not keep magnets near mobiles, television, computers and CD?

Ans. _____

_____

_____

Q2. Why a magnet is called a "magnetic dipole”?

Ans. _____

_____

_____

Q3. What are electromagnets?

Ans. _____

_____

_____

Q4. If a bar magnet broke into pieces, then where will its North and South Pole?

Ans. _____

_____

_____

Q5. How do magnets lose their properties?

Ans. _____

_____

www.educationwithfun.com

Fun with Magnets

Q1. Why should we not keep magnets near mobiles, television, computers and CD?

Ans. Devices such as mobiles, television, computers and CD are made up of magnetic material and have magnets in it. If we keep magnets near them, magnet may spoil these devices.

Q2. Why a magnet is called a "magnetic dipole”?

Ans. Even a smallest piece of a magnet has north and south poles and we cannot separate the two poles. Therefore, poles always exist in pairs. That is why a magnet is called a "magnetic dipole”.

Q3. What are electromagnets?

Ans. Electromagnet is a magnet made by passing electric current through a soft metal surrounded by a coil. The magnetic field disappears when the current is turned off.

Q4. If a bar magnet broke into pieces, then where will its North and South Pole?

Ans. Each one has a north and south pole. Or, we can say, that the end that was pointing South will be South Pole and its opposite end will be a new North pole.

Q5. How do magnets lose their properties?

Ans. Magnets lose their properties if they are heated, hammered or dropped from some height. Also, magnets become weak if they are not stored properly.

www.educationwithfun.com