**HAWFI BROTHERS High School School year: 2014/2015 Timing: 1 hour**

**Name: ……………………………………..…… Class: …………………………**

**THE SECOND TERM TEST- 2AS-scientific streams only-**

**A/ COMPREHENSION**

**Read the text then do the activities**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | |  | |  | | **Magnets have a special power that enables them to attract other magnetic things such as iron, steel, cobalt and nickel. Magnets have two main forces - push and pull. Magnetism (the invisible force) can push and pull even through some materials such as paper and plastic. Paper clips are made of steel.  If you hold a paper clip close to a magnet, you can feel the magnet pulling on the paper clip with an invisible force called magnetism. All magnets have two ends or poles (North & South).  If you put the poles of two magnets together, they will either pull together or push apart.  They will pull (attract) each other if the poles are different.  They will push (repel) each other if the poles are the same.**  **Experiments with magnets will help you to find out more about the way magnetism works and how it can be passed on to some other objects. Look for magnets in old toys or on fridge stickers, or buy a bar or horseshoe magnet http://www.lovemyscience.com/magnet-image.jpgfrom a toy shop. and try to do this experiment by your own at home**.   1. **The text is about** ……………………………………………………**: (1 pts)**   Choose the correct answer.   1. Magnetic Experiment. 2. Mixing and separating. 3. Balancing & gravity.  |  |  |  | | --- | --- | --- | |  | |  | | --- | |  | |  1. **Say whether the following statements are true or false? : (4 pts)** 2. Magnetism can’t push and pull through some materials such as paper and plastic ………………………… 3. Magnetism is a visible force.   ……………………..   1. The poles of two magnets will push (repel) each other if the poles are the same ………………………. 2. All magnets have just one end or pole. ……………………. 3. **Answer the following questions according to the text. : (5 pts)** 4. What can happen if you hold a paper clip close to a magnet?   ……………………………………………………………………..…………………………………………………………   1. How many poles or ends do the magnets have?   ………………………………………………………………………………………………………………………………   1. Is it possible for the Magnetism (the invisible force) to push and pull even through paper and plastic?   ………………………………………………………………………………………………………………………………   1. If the poles are different will they push (repel) each other? If no, give the right answer   ………………………………………………………………………………………………………………………………  **B / TEXT EXPLORATION.**   1. **Find in the text words that synonymous with the following. : (1 pts)** 2. Power§1 = ……………………………….. b) aid§2 = ………………………………….. 3. **Put the verbs between bracket into the right tense, and mention which conditional type the sentence is: : (4 pts)** | | 1. If you don’t go to the doctor soon, the problem……………….(get) worse.(typ..) 2. I ………………(not recognize) you unless had told me.(typ…) 3. I wouldn’t have told you if I ………………(know) you would get upset.(typ..) 4. If you ……………..(be) in my situation , what would you do ? (typ..) 5. **Classify the following words according to the number of their syllables: (3pts)**   **stickers - invisible- Experiment - objects-material- together.**   |  |  |  | | --- | --- | --- | | **4 syllables** | **3 syllables** | **2 syllables** | |  |  |  |  1. **Re-order the following words to make a meaningful sentence: (2 pts)**   **Mirror Reflecting/ when/ never use /should /equipment/ are wet/ your/ hands/ you/ electrical/**  **…………………………………………………………………………………………………………………………………………………**  **…………………………………………………………………………………………………………………………………………..**  ***Be not afraid of going slowly; be afraid only of standing still*** | |  |  | | | |  | | | |