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إعتماد رقم 67 بتاريخ 06 سبتمبر 2010 تحضيري- ابتدائي- متوسط - ثانوي رخصة فتح رقم 1088 بتاريخ 30 جانفي 2011

Level :2ASS March 2018	
Second Term English Exam	Duration :02h00

Read the text carefully. Then do the activities suggested.

Some of the best inventions happen by accidents. However, most inventions happen after many years of research. Scientists test and retest ideas hoping to solve scientific puzzles. Good scientists use a process **which** called the scientific method.

The scientific method is series of problems solving steps that help scientists answer scientific questions. You also use **it** when you work on experiments in your classroom. Scientists use **this** method to prove or disprove a scientific question. These questions are usually asked after scientists have made observations. An observation happens when you use your senses to notice your environment. For example, as you leave for school, you notice that your mildly curly hair became very curly (almost frizzy) as soon as you walked out of the door. You are not happy about this development; since it took you a long time to get your hair do just right. Although annoying, this is an observation.

After observing your high hair, you ask yourself, 'Why does **my** hair become very curly when I step outside?' This is your scientific question. You start to guess about possible reasons for your frizzy hair. The time has come for you to make a good guess or a hypothesis based on your observations. You predict that your hair becomes very curly because of the humidity in the air. To prove your hypothesis, you need to develop a procedure or plan to test your prediction.

By Trista L. Polard

A/Comprehension (8pts)

1-The text is about: (choose the correct answer) (1pt)

a) Scientific experiment

b) Scientific hypothesis

c) Scientific methods

2- Are the following statements true or false according to the text ? (2pts)

a. All inventions happen randomly.

b. The scientific method is used in all fields.

c. A hypothesis is based on observations.

d. Scientists don't use scientific method to prove or disprove an experiment.

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3- Answer the following questions according to the text (3pts)

a. What is an observation?

b. Why does the scientist use the scientific method?

c.What are the steps that a scientist follows in the scientific method?

4- Who or what do the underlined words in the text refer to? (2pts)

a) which (§1)..... b) this(§2)..... c) it (§2)…… d) my (§3).....

B/Text Exploration (7pts)

1. Find in the text words or phrases that are closest in meaning to the following:(1pt)

a) a set of suppositions (§3) =..... c) think (§3) ……..….

2. Find in the text words or phrases that are opposite to the following: (1pt)

a) straight (§2) ≠ …….. b) pleasing (§2) ≠ ……

3.Complete the table (1pt)

Word	Adjective
Experiment	……
Speech	……
Effect	……
break	……

4. Complete sentence "b" so that it means the same as sentence "a" (1.5pts)

1. a) When you place an object in water, the amount of water equals to its weight
   b) When an object

……

2. a) Scientists didn't find only 115 kinds of atoms.
   b) Not only 115 kindS of atoms

……

3. a) Researchers reported: "glaciers and icebergs are melting."
   b) Researchers reported.....

5. Fill in each gap in the passage with one word from the list below: (1.5pts)

invisible – environment - types - chemical - jewelry – fundamental

All elements found on periodic table have certain distinct properties. Elements are single ……. of atoms, while atoms are the …..... building blocks of all matter. Gold, for instance, is malleable, while it is found naturally in ……. it is often reworked into fine …….. Oxygen is a necessary and naturally occurring element. It's an ……., odourless gas that's a crucial part of the air we breathe. Often, elements like those are combined in varying ways to create new …….. substances.

6. Mark the stress on the following words (1pt)

Observation scientific geology biodiversity

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PART TWO :Written Expression **(05 pts)**

Choose one topic from the following:

Topic 01:In no more than 12 lines, write a paragraph about the advantages and drawbacks (disadvantages) of scientific inventions using the following notes:

Advantages:

- Less work for humans.
- Makes life more enjoyable.
- Ability to discover more new things.
- Faster to do some jobs.

Disadvantages:

- Environment is polluted and damaged.
- Technology is used in wars (More weapons are created)
- People become lazy and don't work.

Topic 02: Suppose that you are in a **dilemma (problem).** In no more than 12 lines, write a **letter** to an agony aunt; in which you search for help.

Best of Luck from your English teachers

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correction of Second Term Test 2ass

A/Comprehension (8pts)

1-The text is about:(1pt)

c) Scientific methods

2- Are the following statements true or false according to the text ? (2pts)

a. true

b .false

c. true

d .false

3- Answer the following questions according to the text (3pts)

a. An observation is using your senses to notice your environment.

b. Scientists use the scientific method to prove or disprove a scientific question.

c.observation , hypothesis , a proof

4- Who or what do the underlined words in the text refer to? (2pts)

a) which (§1) **process** b) this(§2) **scientific method** c) it (§2) **scientific method** d) my (§3) **the reader**

B/Text Exploration (7pts)

a) a set of suppositions (§3) =**hypothesis** c) think (§3) = **guess**

2. Find in the text words or phrases that are opposite to the following: (1pt)

a) straight (§2) ≠ **curly** b) pleasing (§2) ≠ **annoying**

3.Complete the table (1pt)

Word	Adjective
Experiment	**Experimental**
Speech	**spoken**
Effect	**effective**
break	**broken**

4. Complete sentence "b" so that it means the same as sentence "a" (1.5pts)

1. a) When you place an object in water, the amount of water equals to its weight
   b) When an object is placed in water, the amount of water equals to its weight
2. a) Scientists didn't find only 115 kinds of atoms.
   b) Not only 115 kinds of atoms were found by scientists.
3. a) Researchers reported: "glaciers and icebergs are melting."
   b) Researchers reported that glaciers and icebergs were melting.

5. Fill in each gap in the passage with one word from the list below: (1.5pts)

All elements found on periodic table have certain distinct properties. Elements are single **types** of atoms, while atoms are the **chemical** building blocks of all matter. Gold, for instance, is malleable, while it is found naturally in **environment** it is often reworked into fine **jewelry** Oxygen is a necessary and naturally occurring element. It's an **invisible** odourless gas that's a crucial part of the air we breathe. Often, elements like those are combined in varying ways to create new **fundamenta**l substances.

6. Mark the stress on the following words (1pt)

Obser**va**tion scien**ti**fic ge**o**logy biodi**ver**sity

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