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| Benha University |  | English language Final Exam | |
| Faculty of Science | | May 28, 2016 | Chemistry Section |
| Third year (لائحة قديمة) | | Time: 2 Hours | Full Mark: 50 |

I- Reading comprehension (15 Marks)

- Read the following passage carefully and answer the questions:

Everything around you is made of matter, and matter is made of at least one element. An element is made of atoms that are all the same kind. It is a pure form of matter. Elements join together with other elements to make different materials that we see and use every day.

Some common elements that you might have heard about are oxygen, carbon, helium, gold, and silver. If you have a lump of silver, all of the atoms that make up that lump of silver are the same. There are more than 100 different elements that we know of today. They are arranged on a scientific chart called the periodic table. The table provides us with information about the elements' atoms and properties (what they look like and how they act in different situations).

Each element has its own box on the chart that shows its atomic number, its symbol, and its name. The atomic number tells us how many protons (positively charged particles) are in each atom of a specific element. Where the element is located on the periodic table tells us what other elements are similar to that element, and how they look and act. Elements can be metals, nonmetals, or semimetals. Semimetals have some of the characteristics of nonmetals. Metals, nonmetals, and semimetals are grouped together on the table, and coded with different colors.

Answer the following questions:

- 1) - Which is larger, an atom or an element? Explain.
- 2) - What is the purpose of the periodic table?
- 3) - How many different elements do we know about?
- 4) - What is included in the box for each element?
- 5) - What is a semimetal like?

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II-Grammar and Structure

(15 marks)

A) - Do as shown in brackets:

- 1- Ahmed (to arrive) safe if he drove slowly. (correct the verb)
- 2- He'd like (fly) an airplane . (give the infinitive)
- 3- My friend is good playing volleyball. (insert the correct preposition)
- 4- In the last holidays I read a good book, but my father gave me an even (good) one last weekend. (correct the adjective)
- 5- will tea served when be (form a question in passive)

B) - Choose the correct answer:

- 1- I dream about (build – building) a big house.
- 2- He (quickly - quick) reads a book.
- 3- Hager and Adam, if you want more milk, help (themselves – yourselves).
- 4- She concentrates (of – on) English.
- 5- (There – Their) are several different colors available.

III- Translation (10 Marks)

A) - Translate into Arabic

Egypt does it best to attract Arab and foreign capital for investment in the field of industry. We encourage the establishment of new industries as well as expanding the existing ones. Due attention has been given to introduce software and communication industries.

B) - Translate into English

- سوف يشهد المستقبل القريب تطورا كبيرا في سياحة الفضاء التي ستجذب الكثير من الناس.

- إن تصدير المنتجات المصرية إلى الخارج يؤدي إلى زيادة دخلنا من العملات الأجنبية.

IV- Writing (10 Marks)

- **Write a paragraph about 8 sentences on one only the following topics:**
- The importance of reading books.
- The bad effects of smoking.
- Life in the new cities.

GOOD LUCK

