**Level: 1st year literary streams Duration: 02 hours.** **School year** : 2014/2015

**THE THIRD TERM EXAMINATION**

**Part one : Reading**

**A.Comprehension ( 7pts)**

A microwave oven, commonly referred to as a microwave, is a [kitchen appliance](http://en.wikipedia.org/wiki/Kitchen_appliance) that heats and cooks [food](http://en.wikipedia.org/wiki/Food) by exposing it to [electromagnetic radiation](http://en.wikipedia.org/wiki/Electromagnetic_radiation) in the [microwave spectrum](http://en.wikipedia.org/wiki/Microwave_radiation). Microwave ovens heat foods quickly and efficiently because excitation is fairly uniform in the outer 25–38 mm (1–1.5 inches) of a [homogenous](http://en.wikipedia.org/wiki/Homogeneity_and_heterogeneity) (high water content) food item; food is more evenly heated throughout than generally occurs in other cooking techniques.

[Percy Spencer](http://en.wikipedia.org/wiki/Percy_Spencer) invented the first microwave oven after [World War II](http://en.wikipedia.org/wiki/World_War_II) from [radar](http://en.wikipedia.org/wiki/Radar) technology developed during the war. Named the "Radarange", it was first sold in 1946. [Raytheon](http://en.wikipedia.org/wiki/Raytheon) later licensed its patents for a home-use microwave oven that was first introduced by [Tappan](http://en.wikipedia.org/wiki/Tappan_(brand)) in 1955, but these units were still too large and expensive for general home use. The countertop microwave oven was first introduced in 1967 by the [Amana Corporation](http://en.wikipedia.org/wiki/Amana_Corporation), and their use has spread into commercial and residential [kitchens](http://en.wikipedia.org/wiki/Kitchens) around the world.

Microwave ovens are popular for reheating previously cooked foods and cooking a variety of foods. They are also useful for rapid heating of otherwise slowly prepared cooking items, such as hot [butter](http://en.wikipedia.org/wiki/Butter), [fats](http://en.wikipedia.org/wiki/Fat), and [chocolate](http://en.wikipedia.org/wiki/Chocolate). Unlike conventional [ovens](http://en.wikipedia.org/wiki/Oven), microwave ovens usually do not directly brown or caramelize food, since they rarely attain the necessary temperatures to produce Maillard reactions.

<http://en.wikipedia.org/wiki/Microwave_oven>

1. ***Circle the letter that corresponds to the right answer.***
2. The text is taken from : a) a magazine b) a newspaper c) a website.
3. The text is about : a) Percy Spencer biography.

b) The invention of microwave.

c) electromagnetic radiation .

***2. Are the following statements true or false. Write T or F next to the letter corresponding statement.***

a) The microwave advantage that it keeps food cold.

b) The microwave was invented during the first world war

c) The first who introduced the microwave oven was Amana Corporation.

1. ***Answer the following questions according to the text.***
2. How does the microwave heat food?
3. What was the microwave named at the beginning ?
4. When was the first countertop oven produced for sale?
5. What is the difference between conventional ovens and the microwave?

1. ***In which paragraph is it mentioned that microwaves were too expensive at the beginning?***

**B.Text Exploration ( 8pts)**

***1. Find in the text words that are closest in meaning to the following.***

a) happens (§1) =…………………….…….. b) improved (§2) =……………..

***2. Find in the text words that are opposite in meaning to the following***

a) hiding (§1 ) ≠…………………………… b) useless (§3) ≠………………………….

***3. Complete the following chart as shown in the example:***

|  |  |  |
| --- | --- | --- |
| **Verb** | **Noun** | **Adjective** |
| **Example:** to prepare | preparation | prepared |
| to invent | ………………………… | ……………………… |
| ………………….. | production | ……………………... |
| …………………… | ……………………….. | successful |

***4.Join each pairs of sentences using the link word between brackets:***

**a)-**  Travelling by camels and horses took a long time . People needed to invent the car.**( As a result)**

**b)-** Graham bell could invent the telephone. It was necessary to install telephone poles and wires.

**( however)**

**c)** The car permits us to travel from one place to another in a short time. It causes pollution.

**( although)**

***5.Fill in the blanks using the following words.*** ( brought - machine - early - inventor )

Thomas Alva Edison was an.....................(1) . He held over 1,000 patents for his inventions during his lifetime. It was he who.................(2) us light from a glass bulb. It was he who let people listen to music from a................(3) . Thomas Alva Edison didn't just wake up one morning and say, "I want to be an inventor." His curiosity and inventiveness started at a very ..................(4) age.

***6. Classify the following words according to the pronunciation of their final‘s’.***

**(** automobiles - offices - trucks - ships )

|  |  |  |
| --- | --- | --- |
| /s/ | /z/ | /iz/ |
|  |  |  |

**PART TWO : WRITTEN EXPRESSION: (05 pts)**

Choose ONE of the following topics:

**Topic One:**

Using the following notes write a short biography of Alexander Graham Bell.

- Born in 1847, Scotland.

-worked for his father at university, London.

- opened school for training teachers of deaf people in Boston

- Invented telephone 1876

-Died in 1922

**Topic Two:**

The are many important inventions that we use in our daily life. Choose the invention you think is the most important and write about it in 8 lines paragraph.

**Good luck Your teacher**