

THE THIRD TERM EXAMINATION

Part one : Reading

A.Comprehension (7pts)

A microwave oven, commonly referred to as a microwave, is a kitchen appliance that heats and cooks food by exposing it to electromagnetic radiation in the microwave spectrum. 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 (high water content) food item; food is more evenly heated throughout than generally occurs in other cooking techniques.

Percy Spencer invented the first microwave oven after World War II from radar technology developed during the war. Named the "Radarange", it was first sold in 1946. Raytheon later licensed its patents for a home-use microwave oven that was first introduced by Tappan 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, and their use has spread into commercial and residential 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, fats, and chocolate. Unlike conventional ovens, 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.

- A. The text is taken from : a) a magazine b) a newspaper c) a website.
B. 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.

3. Answer the following questions according to the text.

- a) How does the microwave heat food?
b) What was the microwave named at the beginning ?
c) When was the first countertop oven produced for sale?
d) What is the difference between conventional ovens and the microwave?

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

B. Text Exploration

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