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الجمهورية الجزائرية الديمقراطية الشعبية
وزارة التربية الوطنية
مؤسسة التربية و التعليم الخاصة - سليم -
S.A.L.I.M
ETABLISSEMENT PRIVE D'EDUCATION ET D'ENSEIGNEMENT- SALIM -
أعتماد رقم 40 بتاريخ 23 جوان 2015 تحضيري - إبتدائي - متوسط - ثانوي رخصة فتح رقم 1094 بتاريخ 02 سبتمبر 2015

Level : 2 ASS	*March 2019*
Second Term English Exam	Timing : 2 Hours

A team of researchers has come up with an electricity system that does not need wires. This is a breakthrough in what will hopefully be a wireless future. The scientists from the Massachusetts Institute of Technology, lit a 60-watt light bulb using magnetic fields. In the test, the power source was just two metres away from the light, but the team hopes ***they*** *will soon be able to send electricity longer distances through the air. They have dubbed their new invention "WiTricity",or wireless electricity. Although wi-fi has been around for some years now, it has been limited to the transmission of information, especially between computers and modems , printers and scanners. This is the first time electrical appliances have been powered wirelessly.*

This new development means that our houses may be free from tangled wires. Gone will be the days of having to unplug the vacuum to go from room to room and of having countless plugs hidden behind the TV and stereo. The new source of delivering power to gadgets remotely may also reduce the number of fires caused by poor wiring and overloaded sockets. ***It*** *turns out the concept is not so new. A century ago, inventor Nikola Tesla struck upon the idea of building a huge tower in New York* ***that*** *would wirelessly beam power to the city. Unfortunately, his idea never came to fruition, until today, that is. It will still be a while before we have wireless homes and offices. Safety experts will be checking closely to ensure the power source causes us no harm.*

BreakingNewsEnglish.com/13th June,2007

Part One: a/ Reading Interpretation (8 pts)

1) - Choose the correct answer: (0,5 pt)

The text is: a- Narrative b- Expository c- Argumentative

2) - Say whether the following statements are true or false according to the text: (2 pts)

a- Scientists have tested a radio that doesn't have wires inside it.

b- Scientists have sent electricity two meters through the air.

c- Wi-Fi is a concept that first originated at the end of the last year.

d- WiTricity may reduce the number of household electrical fires.

3) - Fill in the chart with information from the text: (2 pts)

The New Invention

Name?	*Inventor? (who)*	*Where?*	*Description. What is it?*

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4) - Answer the following questions according to the text: (2 pts)

a- Did scientists use Wi-Fi to transmit electricity before?

b- Why does the writer believe that "WiTricity" is safer?

5) - What or who do the underlined words refer to in the text: (1,5 pts)

they (§1) =…….. *it (§2)=……* *that (§2)=……*

B/- Text Exploration: (7 pts)

1) - Match words in column "a" with their synonyms in column "b": (2 pts)

A	B
1- breakthrough	a- gadgets
2- dubbed	b- called
3- transmission	c- revolution
4- appliances	d- send out

2) - Complete the chart as shown in the example: (1 pt)

Verb	Noun	Adjective
To invent	invention	inventive
To believe	……..	……
……	……..	successful

3) - Put the verbs between brackets into the correct tense: (2 pts)

a- If you (to mix) oxygen with hydrogen, you (to get) water.

b- What (to happen) to you if you (to touch) a wire of electricity?

4) - Mark stress on the following words: (1 pt)

Electricity- invention- technology- economic

5) - Fill in each gap with only one word from the list below: (1 pt)

(energy- use- experiments- natural)

Electricity is one of our greatest ……..sources and one of the few…….energy sources. Franklin's electricity ……were the first scientific venture into the nature and the…….of electricity and uncovered its true nature.

Part Two: Written Expression (5 pts)

Topic One: *Suppose you were in dilemma , in more than 15 lines write a letter to an agony aunt, in which you seek for advice. By the use of the following notes:*

- *Say why you are writing.*
- *Introduce yourself.*
- *Explain the problem.*

Topic Two: *Do you think that science and technology have negative results? State your reasons and give examples.*

Good Luck

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Answer

Part One: a/ Reading Interpretation (8 pts)

1) - Choose the correct answer: (0,5 pt)

The text is: *b- Expository*

2) - Say whether the following statements are true or false according to the text: (2 pts)

a- Scientists have tested a radio that doesn't have wires inside it. ***False***

b- Scientists have sent electricity two meters through the air. ***True***

c- Wi-Fi is a concept that first originated at the end of the last year. ***True***

d- WiTricity may reduce the number of household electrical fires. ***True***

3) - Fill in the chart with information from the text: (2 pts)

The New Invention

Name?	***Inventor? (who)***	***Where?***	***Description. What is it?***
WiTricity	*A team of researchers*	*Massachusetts Institute of Technology*	*Wireless electricity lit 60 watt light bulb using magnetic fields.*

4) - Answer the following questions according to the text: (2 pts)

a- Yes, they did.

b- The writer believes that "WiTricity" is safer because our houses will be free from tangled wires.

5) - What or who do the underlined words refer to in the text: (1,5 pts)

they *(§1) = a team of researchers* ***it*** *(§2)= the new source of delivering power to gadgets.* ***that*** *(§2)= a huge tower*

B/- Text Exploration: (7 pts)

1) - Match words in column "a" with their synonyms in column "b": (2 pts)

A	*B*
1- breakthrough	*c- revolution*
2- dubbed	*b- called*
3- transmission	*d- send out*
4- appliances	*a- gadgets*

2) - Complete the chart as shown in the example: (1 pt)

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Verb	*Noun*	*Adjective*
To invent	*invention*	*inventive*
To believe	***belief***	***believable***
To succeed	***success***	*successful*

*a- If you **mix** oxygen with hydrogen, you **will get** water.*
*b- What **will happen** to you if you **touch** a wire f electricity?*

4) - Mark stress on the following words: (1 pt)

Elec'tricity- in'vention- tech'nology- eco'nomic

5) - Fill in each gap with only one word from the list below: (1 pt)

(energy- use- experiments- natural)

*Electricity is one of our greatest **energy** sources and one of the few **natural** energy sources. Franklin's electricity **experiments** were the first scientific venture into the nature and the **use** of electricity and uncovered its true nature.*

Part Two: Written Expression (5 pts)

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