

### English Exam II

Electrical and Electronics Engineering, field of engineering devoted to electricity systems and provide, and to electronics, perhaps the most rapidly changing part of the field. This broad discipline had its origins in the development of the electric telegraph and electric lighting in the 19th century. It now affects every aspect of life in modern societies as it deals with everything from electricity generation, microelectronics, and computing to space exploration and telecommunications. Over the past 50 years, the speed of developments in digital systems has radically changed the workings of financial systems, commerce, manufacturing, management of the workplace, and leisure. Because the application of computers and software is ubiquitous, electrical and electronics engineering is a key profession.

Electrical engineering, this field deals with providing electrical, mechanical, and other forms of energy, including electricity generation, its distribution through the national grid, and electricity supply. Engineers design, build, and maintain machines that convert mechanical energy into electricity.

**Reading Comprehension:**

**1)-Answer the following questions:(02pts)**

1) - What does Electrical and Electronics Engineering refer to?

.....  
.....

2) - How does Electrical and Electronics Engineering affect modern societies?

.....  
.....

II) - Say whether the following statements are correct or false, if they are wrong correct them:(02pts).

1) - Electrical and Electronics Engineering is a narrow field which had its origins in the development of the electric telegraph and electric lighting in the 15th century.  
.....  
.....

2) - Electronics Engineering deals with providing electrical, mechanical, and other forms of energy, including electricity generation, its distribution through the national grid, and electricity supply.  
.....  
.....

III)-

1) -Find in the text the synonyms of the following words:(03pts).

May be= ..... Progress=..... Construct=.....

2) Find in the text the opposites of the following words :(03pts).

Slowly: ..... Narrow: ..... Superficially:.....

**Syntax:**

**Exercise one:**

**Put the verbs into the correct form: (04pts).**

- 1) When you heat butter it (to melt).....
- 2) The parents would be happy if their children (to act)..... well.
- 3) It was cold so I (to take) ..... on my coat.
- 4) I will pass my exam if I (to work).....hard.

**Exercise three: Turn these sentences into active or passive form :(04pts).**

1- We will organize a party next week.  
.....

2- The window was broken by the wind.  
.....

3- They built this bridge last year.  
.....

4- Real friends help each other.  
.....

**Exercise four:**

**Translate into French the following passage: (02pts).**

Electrical and Electronics Engineering, field of engineering devoted to electricity systems and provide, and to electronics, perhaps the most rapidly changing part of the field.  
.....  
.....  
.....  
.....

**Good luck**

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Electrical and Electronics Engineering, field of engineering devoted to electricity systems and provide, and to electronics, perhaps the most rapidly changing part of the field. This broad discipline had its origins in the development of the electric telegraph and electric lighting in the 19th century. It now affects every aspect of life in modern societies as it deals with everything from electricity generation, microelectronics, and computing to space exploration and telecommunications. Over the past 50 years, the speed of developments in digital systems has radically changed the workings of financial systems, commerce, manufacturing, management of the workplace, and leisure. Because the application of computers and software is ubiquitous, electrical and electronics engineering is a key profession.

Electrical engineering, this field deals with providing electrical, mechanical, and other forms of energy, including electricity generation, its distribution through the national grid, and electricity supply. Engineers design, build, and maintain machines that convert mechanical energy into electricity.

### Reading Comprehension:

1)-Answer the following questions:(02pts)

1) - What does Electrical and Electronics Engineering refer to?

*It refers to the field of engineering devoted to electricity systems and provide and to electronics.*

2) - How does Electrical and Electronics Engineering affect modern societies?

*It affects modern societies by dealing with everything from electricity generation, microelectronics, and computing.*

II) - Say whether the following statements are correct or false, if they are wrong correct them:(02pts).

1) - Electrical and Electronics Engineering is a narrow field which had its origins in the development of the electric telegraph and electric lighting in the 15th century.

*wrong - a broad field and developed in the 19th c.*

2) - Electronics Engineering deals with providing electrical, mechanical, and other forms of energy, including electricity generation, its distribution through the national grid, and electricity supply.

*wrong - Electrical engineering*

III)-

1) -Find in the text the synonyms of the following words:(03pts).

May be= *perhaps* Progress=*development* Construct=*build!*

2) Find in the text the opposites of the following words :(03pts).

Slowly: *rapidly* Narrow: *broad!* Superficially: *radically*

Syntax:

Exercise one:

Put the verbs into the correct form: (04pts).

- 1) When you heat butter it (to melt).....*melts*.....
- 2) The parents would be happy if their children (to act)....*acted*.....: well.
- 3) It was cold so I (to take) ... *look*..... on my coat.
- 4) I will pass my exam if I (to work)....*work*.....hard.

Exercise three: Turn these sentences into active or passive form :(04pts).

- 1- We will organize a party next week.  
*next week a party will be organized!*
- 2- The window was broken by the wind.  
*the wind broke the window*
- 3- They built this bridge last year.  
*last year this bridge was built*
- 4- Real friends help each other.  
*we can not transform it*

Exercise four:

Translate into French the following passage: (02pts).

Electrical and Electronics Engineering, field of engineering devoted to electricity systems and provide, and to electronics, perhaps the most rapidly changing part of the field.

*la technologie électrique et électronique, champs de technologie consacré pour les systèmes d'électricité et pour l'électronique, peut être la plus partie la plus rapide en changement*

Good luck