

English replacement exam for Electric engineering

Full name:

Group:

Name the following components.(05pts)

01).....

06).....

02).....

07).....

03).....

08).....

04).....

09).....

05).....

10).....

How does electricity travel?(02pts)

.....
.....
.....
.....

What is a diode?(01pts)

.....
.....
.....

What is a diaphragm?(01pts)

.....
.....

What is electrolyte?(01pts)

.....
.....

Fill in the gaps with: uranium, core, they, steam, fission, nuclear, strike, fuel, atom, neutrons.(05pts)

.....power is a method in whichis produced by heating water through a process called nuclear..... In a nuclear power plant, a reactor contains a of nuclear, primarily enriched uranium .When atoms of uranium fuel are hit by neutrons split , releasing heat and more.....these other neutrons can.....more.....

How do we constitute or generate an electric current?(02,5pts)

.....
.....
.....
.....
.....

How do we generate electricity in a steam turbine?(02,5pts)

.....
.....
.....
.....
.....

GOOD LUCK
AOUICHE.S

Correction of English replacement exam for Electric engineering

Name the following components.(05pts)

- | | |
|---------------------|-------------------------------|
| 01) Jack | 06)Speaker |
| 02) Microphone | 07)Two wire plug nonpolarized |
| 03) Head set | 08)Three wire plug |
| 04) Double Head set | 09)Two wire plug polarized |
| 05) Stereo Head set | 10)Two wire plug nonpolarized |

How does electricity travel?(02pts)

When we switch on an appliance, the electric current flows through power lines to the outlet and goes back again.

What is a diode?(01pts)

An electronic current converter or an electronic device that has tow electrodes used to convert alternative current into direct current.

What is a diaphragm?(01pts)

A thin disc that vibrates in response to sound waves or electrical signal.

What is electrolyte?(01pts)

A chemical compound that separates or splits into ions able to conduct electricity.

Fill in the gaps with: uranium, core, they, steam, fission, nuclear, strike, fuel, atoms, neutrons.(05pts)

nuclear power is a method in which is **steam** produced by heating water through a process called nuclear **fission** In a nuclear power plant, a reactor contains a **core** of nuclear **fuel**, primarily enriched uranium .When atoms of uranium fuel are hit by neutrons **they** split, releasing heat and more **neutrons** these other neutrons can **strike** more **uranium atom**

How do we constitute or generate an electric current?(02,5pand the negative cts)

When the balance between the positive charge (protons) and the negative charge (electrons) is upset by an outside force , the atom may lose or gain an electron due to its free movement .

How do we generate electricity in a steam turbine?(02,5pts)

A turbine converts the kinetic energy of a moving fluid (liquid or gas) to mechanical energy .Steam turbines have a series of blades mounted on a shaft against which steam is forced and the shaft is connected to a generator. The fuel is burned in a furnace to heat water in a boiler in order to produce steam.