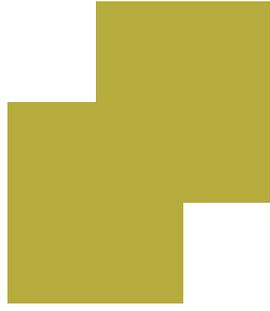


تم تحميل هذا الملف من موقع المناهج المصرية



موقع المناهج المصرية

www.alManahj.com/eg

" >

* للحصول على أوراق عمل لجميع الصفوف وجميع المواد اضغط هنا

<https://almanahj.com/eg>

* للحصول على أوراق عمل لجميع مواد الصف الثالث الإعدادي اضغط هنا

<https://almanahj.com/eg/9>

* للحصول على جميع أوراق الصف الثالث الإعدادي في مادة علوم ولجميع الفصول, اضغط هنا

<https://almanahj.com/eg/9>

* للحصول على أوراق عمل لجميع مواد الصف الثالث الإعدادي في مادة علوم الخاصة بـ اضغط هنا

<https://almanahj.com/eg/9>

* لتحميل كتب جميع المواد في جميع الفصول للصف الثالث الإعدادي اضغط هنا

<https://almanahj.com/eg/grade9>

تنبيه هام : يسلم الطالب ورقة باللغة العربية مع الورقة المترجمة. Answer all of the following questions :

First Question: Complete the following sentences with suitable words:

- 1- At the beginning of the chemical reaction, the ratio of reactants concentration is% and at its end is%
- 2- The mutations are classified according to the place of its occurrence into and mutations.
- 3- On increasing the ratio of glucose sugar in the blood, hormone is secreted, while when it decreases in the blood, hormone is secreted.
- 4- Mixtures can be classified according to the homogeneity into and mixtures.
- 5- is used to measure the electric current intensity, while is used to measure the potential difference.

Second Question: A) Write the scientific term for each of the following sentences:

- 1- It is a process of breaking up the bonds in reactants molecules and formation of new bonds in products molecules.
- 2- It is a small gland in the size of a chick seed which is located below the brain and called the master gland.
- 3- It is a constant electric current intensity that flows in one direction only in the electric circuit.
- 4- It is the solution that doesn't allow the dissolution of more solute in it without changing in its temperature.

B) (1) Mention the benefit of sodium and potassium salts for the nervous system in the human body.

(2) Mention the resulted harm from the exposure of human to a large dosage of radiation for a short period of time.

Third Question: A) Choose the correct answer from between brackets:

- 1- The radioactivity phenomenon was discovered by the scientist
(Ohm – Becquerel – Ampere – Mendel)
- 2- From the dominant traits in human is
(smooth hair – narrow eyes – free ear lobe – all the previous)
- 3- The mathematical formula of ohm's law is
($\mathcal{R} = \frac{V}{I}$ – $\mathcal{R} = \frac{I}{V}$ – $\mathcal{R} = V \times I$ – $\mathcal{R} = V + I$)
- 4- $Cu(OH)_2 \xrightarrow{\Delta} \dots + \dots$
($CuO + O_2$ – $Cu + H_2O$ – $CuO + H_2$ – $CuO + H_2O$)

B) What happens if:

- 1- The secretion of growth hormone increases in the childhood.
- 2- Zinc is added to dilute hydrochloric acid.

Fourth Question: A) Give reasons for:

- 1- Mendel covered the flowers stigmas of pea plant on studying the hereditary traits.
- 2- The burning of aluminium cleansing wire in a cylinder filled with oxygen is faster than its burning in the atmospheric air.
- 3- Learning walking for children is not considered as a hereditary trait.

B) If you have three similar dry cells in electromotive force, each one is 2 volts.

Show by drawing only how can you connect them to obtain:

- 1- A battery, its electromotive force equals 2 volts.
- 2- A battery, its electromotive force equals 6 volts.

-(((انتهت الأسئلة)))-

★ حل نماذج اختبارات المسار المصري لعام (2016) لمادة (Science)

First Question:

- 1 - 100% , 0% .
- 2 - Cancelled .
- 3 - insulin, glucagon .
- 4 - Cancelled .
- 5 - Ammeter, Voltmeter .

Second Question:

- A
- 1 - chemical reaction .
 - 2 - pituitary gland .
 - 3 - direct current .
 - 4 - Cancelled .

- B
- 1 - Cancelled .
 - 2 - damage of spleen, digestive system, central nervous system & Bone marrow .

Third Question:

- A
- 1 - Becquerel .
 - 2 - Free ear lobe .
 - 3 - $R = \frac{V}{I}$.
 - 4 - $CuO + H_2O$.

قائدات المدرسة :

أ. سلوى النصار . أ. مريم ال طلحه

- B
- 1 - The person will be agiant .
 - 2 - Zinc reacts with HCl & hydrogen gas evolves .
- $$Zn + 2HCl \rightarrow ZnCl_2 + H_2 \uparrow$$

معلمة المادة :

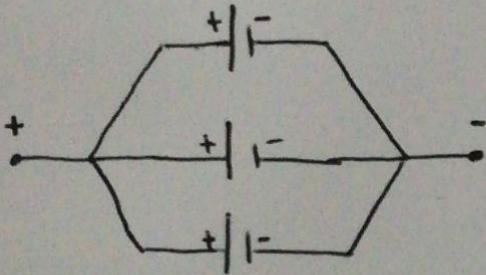
أ. صفية سعيد

★ حل نماذج اختبارات المسار المصري لعام (2016) لمادة (Science)

fourth question:

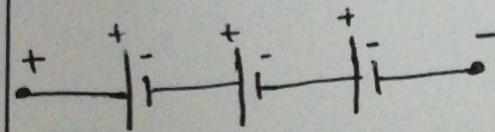
- A
- 1 - To prevent cross-pollination again.
 - 2 - Because oxygen help in burning , so it increases the rate of the chemical reaction .
 - 3 - Because learning walking trait is not transmitted from one generation to another.

B) 1- in parallel



$$E_{\text{battery}} = E_1 = 2 \text{ volts .}$$

2- in series



$$E_{\text{battery}} = n \times E_1 \\ = 3 \times 2 = 6 \text{ volts .}$$

قائدات المدرسة :

معلمة المادة :

ا. سلوى النصار ا. مريم ال طلحه

ا. صفية سعيد