



Clear my choice

How many oxygen atoms are in 15 g of sodium carbonate (Na_2CO_3)?
(Avogadro's number = 6.022×10^{23}) (Molar mass $\text{Na}_2\text{CO}_3 = 105.98 \text{ g/mol}$)

Select one:

- ☐ A. 1.70×10^{23}
- ☐ B. 2.56×10^{23}
- ☐ C. 1.473×10^{-7}
- ☐ D. 8.52×10^{22}

Which one of the following is a precipitation reaction?

Select one:

- ☐ a. $2\text{Mg}(s) + \text{O}_2(g) \longrightarrow 2\text{MgO}(s)$
- ☐ b. $\text{HCl}(aq) + \text{NaOH}(aq) \longrightarrow \text{NaCl}(aq) + \text{H}_2\text{O}(l)$



Question 3

Answer saved

Marked out of 2.5

Flag question

Which of the following is not molecular formula of C_2H_5F ?

Select one:

- ☐ A. $C_8H_{20}F_4$
- ☐ B. $C_6H_{15}F_3$
- ☐ C. $C_4H_{10}F_2$
- ☒ D. $C_4H_{10}F_4$

[Clear my choice](#)

Question 4

Answer saved

Marked out of 2.5

Flag question

when ~~it is correctly~~

A sample of CH_4O with a mass of 32.0 g contains _____ molecules of CH_4O .

(Avogadro's number = 6.022×10^{23}), (Molar mass CH_4O = 33.03 g/mol)

Select one:

- ☐ A. 5.32×10^{-23}
- ☐ B. 1.00
- ☐ C. 6.02×10^{23}
- ☒ D. 1.88×10^{22}

Clear my choice

Question 2

Answer saved

Marked out of 2.5

🚩 Flag question

Convert 95°F to degrees Celsius.

Select one:

- ☐ a. 70.5 °C
- ☐ b. 113.4 °C
- ☐ c. 368 °C
- ☒ d. 35 °C
- ☐ e. 203 °C

[Clear my choice](#)

Question 3

Answer saved

Marked out of 2.5

🚩 Flag question

Question **2**

Answer saved

Marked out of 2.5

Flag question

Which of the following is **strong electrolyte** in aqueous solution?

Select one:

- ☐ a. HCl
- ☒ b. CH_3COOH
- ☐ c. $\text{C}_6\text{H}_{12}\text{O}_6$
- ☐ d. NH_3

[Clear my choice](#)Question **3**

Answer saved

Marked out of 2.5

Flag question

The molecular mass of phenol ($\text{C}_6\text{H}_5\text{O}$)

is _____ amu.

[Clear my choice](#)**Question 8**

Not yet answered

Marked out of 2.5

Flag question

What is the oxidation number of the oxygen atom in Rb_2O_2 ?

Select one:

- ☐ A. +2
- ☐ B. -1
- ☐ C. +1
- ☐ D. -2

[Previous page](#)[Next page](#)

Jump to...



Next activity

[General chemistry:Essential concepts →](#)

الكيمياء العام

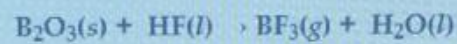
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الكيمياء العامة للصيدلة

General

Midterm Exam: General Chemistry for Pharmac

when it is correctly balanced, the correct coefficients for the equation below are



Select one:

- ☐ A. 1, 3, 2, 3
- ☐ B. 1, 6, 2, 3
- ☐ C. 2, 8, 2, 3
- ☐ D. 2, 3, 6, 2

How many milliliters of a stock solution of 11.1 M HNO_3 would be needed to prepare 0.500 L of 0.500 M HNO_3 ?

65%


EN



Question 1

Answer saved

Marked out of 2.5

 Flag question

How many atoms of nitrogen are in
10 g of NH_4NO_3 ?

(Avogadro's number = 6.022×10^{23}), (
Molar mass $\text{NH}_4\text{NO}_3 = 80.04 \text{ g/mol}$)

Select one:


- ☒ A. 1.5×10^{23}
- ☐ B. 3.0×10^{23}
- ☐ C. 1.8
- ☐ D. 2.3×10^{23}

[Clear my choice](#)

Question 2

Answer saved

Marked out of 2.5

 Flag question

Question 11

Answer saved

Marked out of

1.00

Question

Which one of the following compounds is soluble in water?

Select one:

- ☒ A. SrCO_3
- ☐ B. Hg_2Cl_2
- ☐ C. RbCl
- ☐ D. $\text{Ca}(\text{OH})_2$

[Clear my choice](#)

☒ e. Dinitrogen tetroxide

Clear my choice

2
ut of
[(1.00-0.01)x2.500] ÷ 11.0 the answer with the correct number of significant figures _ _ _

Select one:

☐ a. 0,22500

☐ b. 0.2250

☐ c. 0.23


☐ d. 0.221

3
The reaction $\text{HNO}_3(\text{aq}) + \text{KOH}(\text{aq}) \rightarrow \text{KNO}_3(\text{aq}) + \text{H}_2\text{O}(\text{l})$ is best classified as a

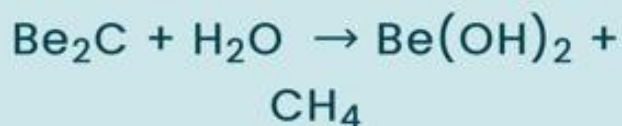


Answer saved

Marked out of 2.5

 Flag question

when it is correctly
balanced, the correct
coefficients for the equation
below are



Select one:

- ☐ a. 1,4,1,1.
- ☐ b. 2,4,2,4.
- ☒ c. 1,4,2,1.
- ☐ d. 1,1,1,4.

[Clear my choice](#)[Next page](#)



3



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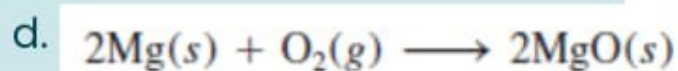
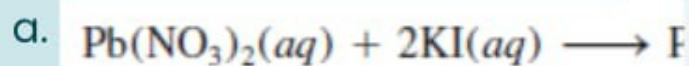
Not yet answered

Marked out of 2.5

Flag question

Which one of the following is acid - base reaction?

Select one:



Question 12

Not yet answered

Marked out of 2.5

Flag question



Midterm Exam: General

elearn.iu.edu.jo/mod/quiz/attempt

البوابة التعليمية الإلكترونية لجامعة الإربد

☒ B. 170

☐ C. 124

☐ D. 71

Clear my choice

$[(1.00 - 0.01) \times 2.500] \div 12.0$ the answer with the correct number of significant figures ____

Select one:

☐ a. 0.21

☐ b. 0.20625

☐ c. 0.2063

☐ d. 0.206

Which one of the following is a compound?

Select one:

☐ A. ΔH

67%

EN

9

d
out of

The molecular mass of silver nitrate(AgNO_3) is _____ amu.

Select one:

- ☐ A. 156
- ☐ B. 170
- ☐ C. 124
- ☐ D. 71

on 10

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g
on.

$[(1.00 - 0.01) \times 2.500] \div 12.0$ the answer with the correct number of sig

Select one:

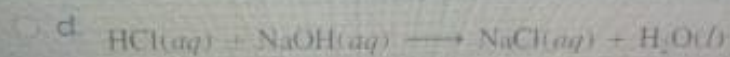
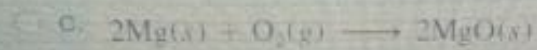
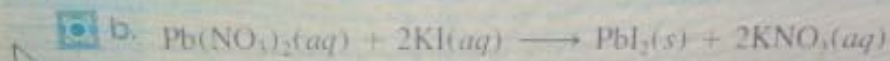
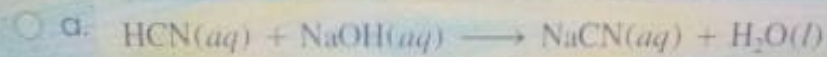
- ☐ a. 0.21
- ☐ b. 0.20625
- ☐ c. 0.2063

☐ D. 150

Clear my choice

Which one of the following is precipitation reaction?

Select one:



Clear my choice

us page

Next page





Question 13

Not yet answered

Marked out of 2.5

Flag question

Which one of the following is redox reaction?

Select one:

- ☐ a. $\text{HCl}(aq) + \text{NaOH}(aq) \longrightarrow \text{NaCl}(aq) + \text{H}_2\text{O}(l)$
- ☐ b. $\text{HCN}(aq) + \text{NaOH}(aq) \longrightarrow \text{NaCN}(aq) + \text{H}_2\text{O}(l)$
- ☐ c. $\text{Pb}(\text{NO}_3)_2(aq) + 2\text{KI}(aq) \longrightarrow \text{PbI}_2(s) + 2\text{KNO}_3(aq)$
- ☐ d. $2\text{Mg}(s) + \text{O}_2(g) \longrightarrow 2\text{MgO}(s)$

Question 14

Not yet answered

Marked out of 2.5

Flag question

Which one of the following is a chemical change?

Select one:

- ☐ A. melting
- ☒ B. formation of rust (صدأ الحديد)
- ☐ C. boiling





5

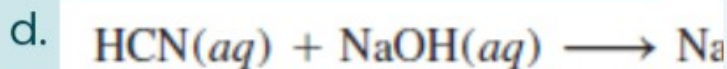
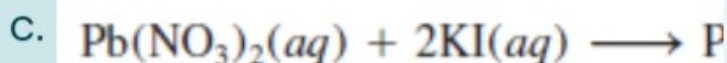
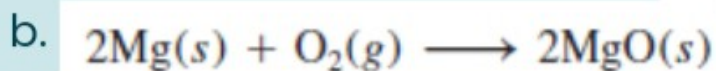
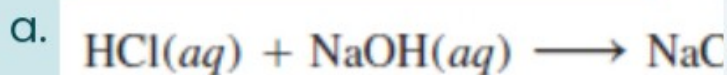


Marked out of 2.5

🚩 Flag question

Which one of the following is redox reaction?

Select one:



Clear my choice

Question 6

Not yet answered

Marked out of 2.5

🚩 Flag question



Clear my choice

2
aved
ut of

$[(1.00 - 0.01) \times 2.500] \div 13.0$ the answer with the correct number of significant figures ---

Select one:

- ☒ a. 0.19
- ☐ b. 0.1904
- ☐ c. 0.19038
- ☐ d. 0.191

Clear my choice

on 3

Which one of the following compounds is **insoluble** in water?



☐ d. $\text{Co}_2(\text{NO}_2)_3$

Clear my choice

Question 8

Not yet answered

Marked out of 2.5

Flag question

Which of the following pairs of aqueous solutions will react to produce a precipitate?

Select one:

☐ A. $\text{NH}_4\text{NO}_3 + \text{Li}_2\text{CO}_3$

☐ B. $\text{Hg}_2(\text{NO}_3)_2 + \text{LiI}$

☐ C. $\text{AgC}_2\text{H}_3\text{O}_2 + \text{Cu}(\text{NO}_3)_2$

☐ D. $\text{NaCl} + \text{Li}_3\text{PO}_4$

☐ D. boiling

Clear my choice

$[(1.00 - 0.01) \times 2.500] \div 12.0$ the answer with the correct number of significant figures ___

Select one:

- ☐ a. 0.21
- ☐ b. 0.20625
- ☐ c. 0.2063
- ☒ d. 0.206

Clear my choice


Which one of the following compounds is soluble in water?

☐ e. $-4.0\text{ }^{\circ}\text{F}$

Question 8

Not yet answered

Marked out of 2.5

 Flag question

Which of the following is insoluble in water at $25\text{ }^{\circ}\text{C}$?

Select one:

- ☐ A. $\text{Ca}(\text{OH})_2$
- ☐ B. $\text{Mg}_3(\text{PO}_4)_2$
- ☐ C. $\text{Ba}(\text{C}_2\text{H}_3\text{O}_2)_2$
- ☐ D. $(\text{NH}_4)_2\text{CO}_3$

Previous page

Next page



Question **14**

Not yet answered

Marked out of 2.5

Flag question

How many atoms of oxygen are in 10 g of NH_4NO_3 ?

(Avogadro's number = 6.022×10^{23}), (Molar mass NH_4NO_3 = 80.04 g/mol)

Select one:

- ☐ A. 2.3×10^{23}
- ☐ B. 3.0×10^{23}
- ☐ C. 1.8
- ☐ D. 1.5×10^{23}

[Previous page](#)[Finish attempt ...](#)

Question

Not yet answered

Marked out of 2.5

Flag question



Which of the following is
weak electrolyte in aqueous
solution?

Select one:

- ☐ a. HNO_3
- ☐ b. NaCl
- ☐ c. CH_3COOH
- ☐ d. $\text{C}_6\text{H}_{12}\text{O}_6$

Question **10**

Not yet answered


Marked out of 2.5

Flag question

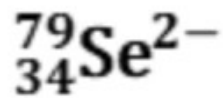
Question **6**

Not yet answered

Marked out of 2.5

 Flag question

**How many protons,
neutrons, electrons are in**




Select one:

- ☐ a. 34 p, 79 n, 34 e
- ☐ b. 45 p, 79 n, 32 e
- ☐ c. 45 p, 34 n, 36 e
- ☐ d. 34 p, 45 n, 36 e

Question **7**

Not yet answered

Marked out of 2.5

 Flag question



Question 5

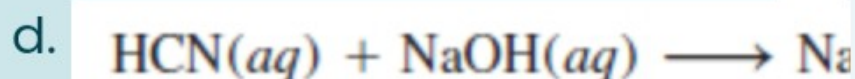
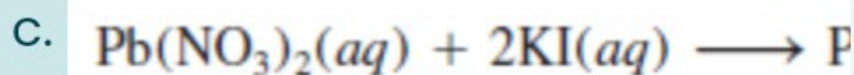
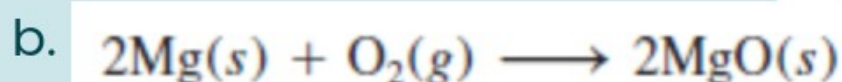
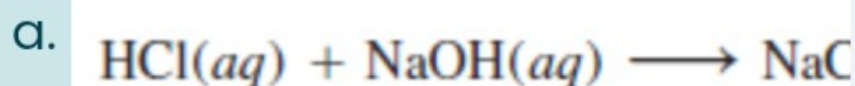
Not yet answered

Marked out of 2.5

🚩 Flag question

Which one of the following is redox reaction?

Select one:





Flag question

$[(1.00 - 0.01) \times 2.500] \div 13.0$ the answer with the correct number of significant figures

Select one:

- ☐ a. 0.1904
- ☐ b. 0.19038
- ☐ c. 0.19
- ☐ d. 0.2

Next page

Jump to





☐ D. +4

Question 2

Not yet answered

Marked out of 2.5

🚩 Flag question

The molecular mass of phenol (C_6H_5O) is _____ amu.

Select one:

- ☐ A. 89
- ☐ B. 101
- ☐ C. 45
- ☐ D. 85

Question 3

Not yet answered

Marked out of 2.5

Question **3**

Not yet answered

Marked out of 2.5

Flag question

The name of N_2O_3
is_____

Select one:

- ☐ a. nitrogen tetroxide
- ☐ b. Dinitrogen trioxide
- ☐ c. Nitrogen trioxide
- ☐ d. Nitrogen oxide
- ☐ e. Nitrogen(III) oxide

Question **4**

Not yet answered

Marked out of 2.5





5



Question 1

Not yet answered

Marked out of 2.5

Flag question

What is the oxidation number of the sulfur atom in Li_2SO_4 ?

Select one:

- ☐ A. +6
- ☐ B. -2
- ☐ C. +2
- ☐ D. +4

Question 2

Not yet answered



Convert $-20.0\text{ }^{\circ}\text{C}$ to Fahrenheit.

Select one:



a. $-4.0\text{ }^{\circ}\text{F}$



b. $24.2\text{ }^{\circ}\text{F}$



c. $18.0\text{ }^{\circ}\text{F}$



d. $6.0\text{ }^{\circ}\text{F}$



e. $-32.0\text{ }^{\circ}\text{F}$



البوابة التعليمية الإلكترونية لجامعة الإسراء

Question 5

Not yet

answered

Marked out of

Flag

question

Convert 12 °F to degrees Celsius.

Select one:

☐ a. 24.4 °C

☐ b. 285 °C

☐ c. -36 °C

☒ d. -11.1 °C

☐ e. 86 °C

Clear my choice

Question 6

Not yet

answered

Marked out of

2.5

Flag

question

How many oxygen atoms are in 15 g of sodium carbonate (

(Avogadro's number = 6.022×10^{23}) (Molar mass $\text{Na}_2\text{CO}_3 = 106$)

Select one:

☐ A. 1.70×10^{23}

☐ B. 2.56×10^{23}



73%

EN

UNDO

DONE

م 0:٠٧ %٥٤ 4G



Midterm Exam: General ..

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4



2

Flag question

Convert 100 °C to degrees Fahrenheit.

Select one:

- ☐ a. 212 °F
- ☐ b. -52.7 °F
- ☐ c. 32 °F
- ☐ d. zero °F
- ☐ e. 273.15 °F

212

Question 4

Not yet answered

Marked out of 2.5

Send to

General chemistry for pharmacy



Clear my choice

Question **7**

Not yet answered

Marked out of 2.5

🚩 Flag question

Convert $-20.0\text{ }^{\circ}\text{C}$ to Fahrenheit.

Select one:

- ☐ a. $6.0\text{ }^{\circ}\text{F}$
- ☐ b. $18.0\text{ }^{\circ}\text{F}$
- ☐ c. $-32.0\text{ }^{\circ}\text{F}$
- ☐ d. $24.2\text{ }^{\circ}\text{F}$
- ☐ e. $-4.0\text{ }^{\circ}\text{F}$

Question **8**

Not yet answered

Marked out of 2.5

🚩 Flag question

Convert 95°F to degrees Celsius.

Select one:

☐ a. 70.5 °C

☐ b. 203 °C

☐ c. 368 °C

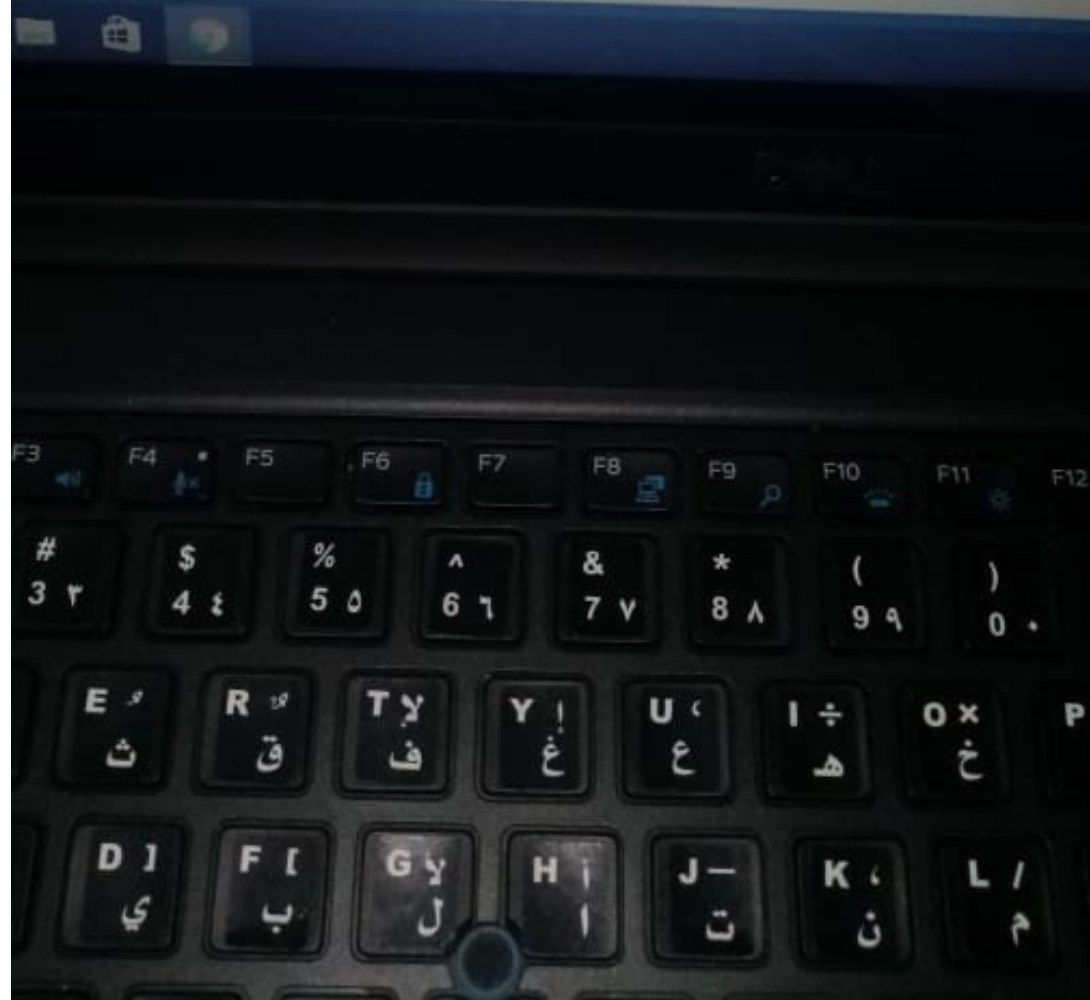
☒ d. 35 °C

☐ e. 113.4 °C

[Clear my choice](#)

10

Which of the following molecular formulas is not related to CH_2O empirical formula?




c. Nitrogen (III) oxide

Question **4**

Not yet answered

Marked out of 2.5

 Flag question

$[(1.00 - 0.01) \times 2.500] \div 13.0$ the answer with the correct number of significant figures

Select one:

- ☐ a. 0,19038
- ☐ b. 0.1904
- ☐ c. 0.191
- ☐ d. 0.19



Next page

البوابة التعليمية الإلكترونية لجامعة الإسكندرية

☐ D. Cu

Clear my choice

Which of the following pairs of aqueous solutions will react to produce a precipitate?

Select one:

☐ A. $\text{NH}_4\text{NO}_3 + \text{Li}_2\text{CO}_3$

☐ B. $\text{Hg}_2(\text{NO}_3)_2 + \text{LiI}$

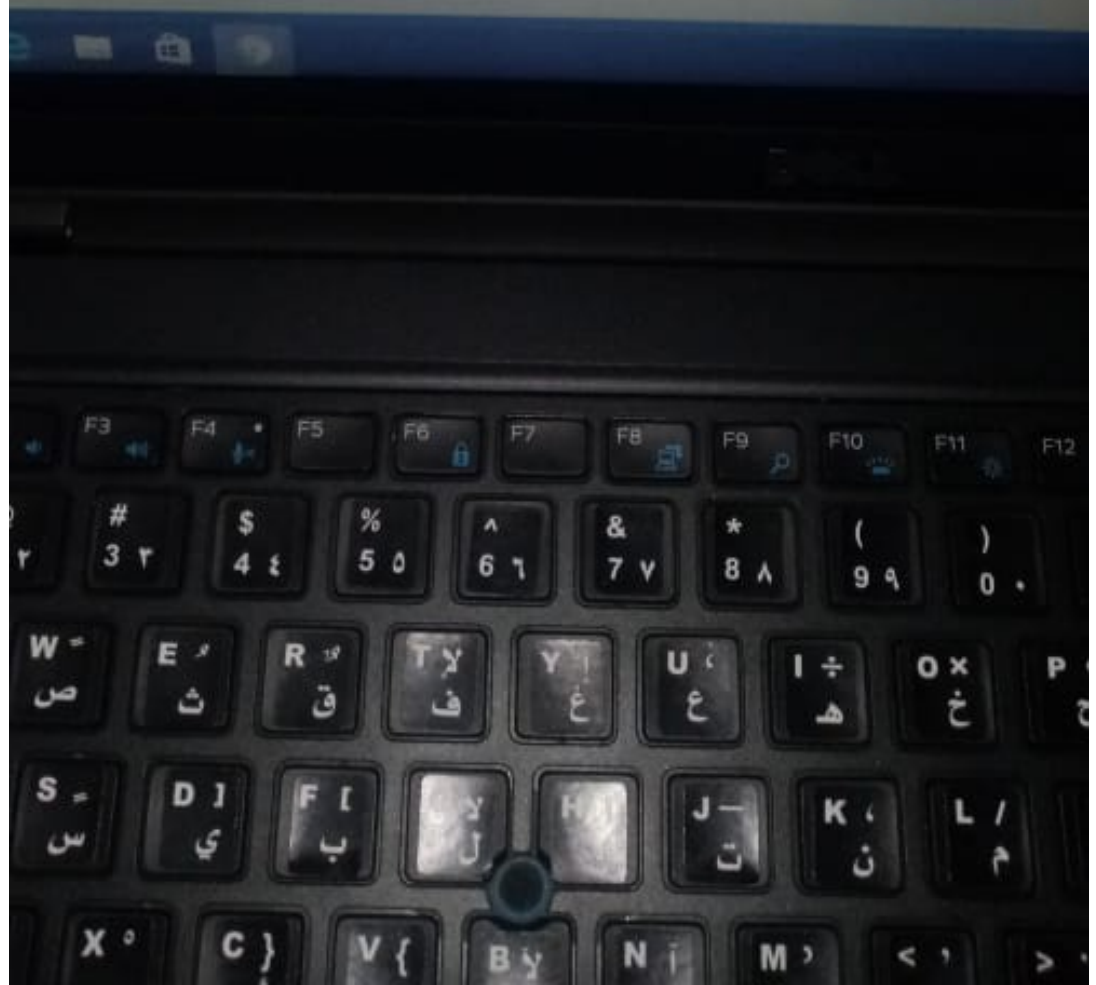
☐ C. $\text{AgC}_2\text{H}_3\text{O}_2 + \text{Cu}(\text{NO}_3)_2$

☒ D. $\text{NaCl} + \text{Li}_3\text{PO}_4$

Clear my choice

Previous page

Next page



Clear my choice

Which of the following is insoluble in water at 25 °C?

Select one:

- ☐ A. $(\text{NH}_4)_2\text{CO}_3$
- ☐ B. $\text{Ca}(\text{OH})_2$
- ☐ C. $\text{Mg}_3(\text{PO}_4)_2$
- ☒ D. $\text{Ba}(\text{C}_2\text{H}_3\text{O}_2)_2$

Clear my choice

Jump to...



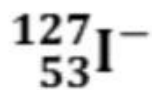
Question 4

Answer saved

Marked out of 2.5

🚩 Flag question

How many protons, neutrons,
electrons are in



Select one:

- ☒ a. 74 p, 127 n, 53 e
- ☐ b. 74 p, 53 n, 54 e
- ☐ c. 53 p, 127 n, 54 e
- ☐ d. 53 p, 74 n, 54 e

[Clear my choice](#)

Next page

الكيمياء العامة للص

My courses

الكيمياء العامة للصيلة

General

Midterm Exam: General

13

aved
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Which of the following compounds has the empirical formula of CF_4 ?

Select one:

☐ A. C_3F_8

☐ B. C_2F_6

☒ C. C_3F_{12}

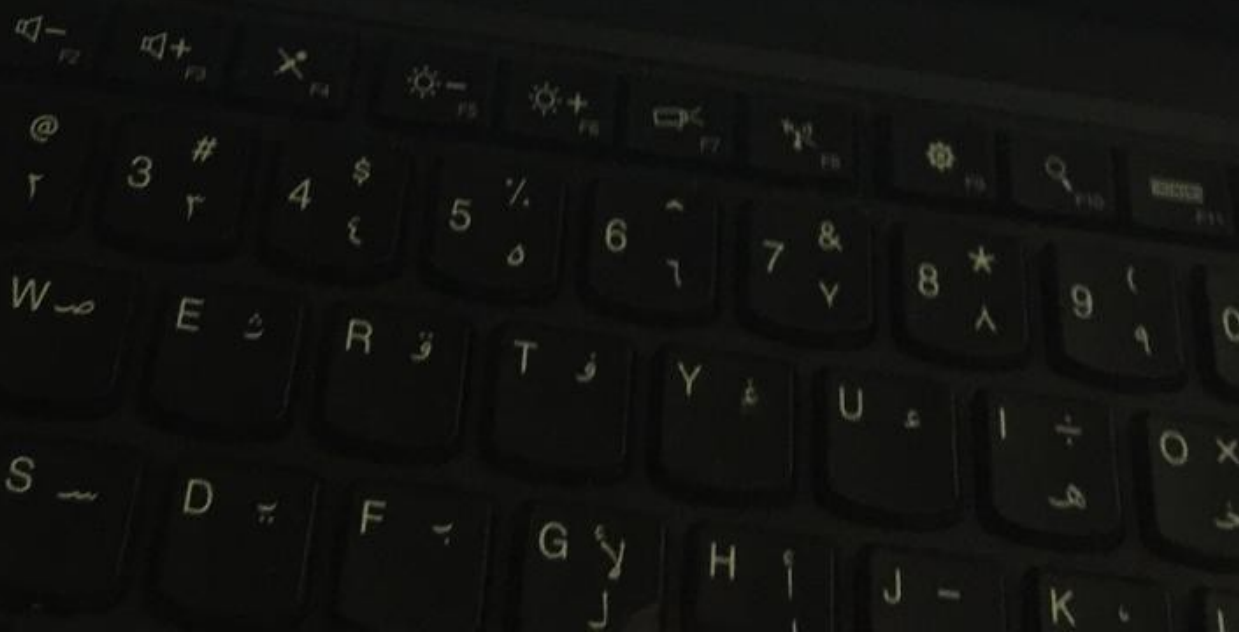
☐ D. C_2F_4

Clear my choice

What element is undergoing reduction (if any) in the following reaction?

79%

EN





Answer saved

Marked out of 2.5

🚩 Flag question

when it is correctly balanced, the correct coefficients for the equation below are



Select one:

- ☐ A. 1 , 3, 2,3
- ☐ B. 1, 6, 2, 3
- ☐ C. 2, 8, 2, 3
- ☒ D. 2, 3, 6, 2

[Clear my choice](#)

Question 4

Answer saved

Marked out of 2.5

🚩 Flag question



Marked out of 2.5

🚩 Flag question

Which of the following molecular formulas is not related to CH_2O empirical formula?

Select one:

- ☐ A. $\text{C}_2\text{H}_4\text{O}_2$
- ☐ B. $\text{C}_3\text{H}_6\text{O}_3$
- ☒ C. $\text{C}_{10}\text{H}_{20}\text{O}_5$
- ☐ D. $\text{C}_5\text{H}_{10}\text{O}_5$

[Clear my choice](#)

Question **3**

Answer saved

Marked out of 2.5

🚩 Flag question

when it is correctly balanced, the

correct coefficients for the



Question 1

Answer saved

Marked out of 2.5

🚩 Flag question

Which one of the following is an intensive property?

Select one:

- ☐ A. amount
- ☐ B. volume
- ☒ C. temperature
- ☐ D. heat content
- ☐ E. mass

[Clear my choice](#)

Question 2

Answer saved

Marked out of 2.5



Midterm E

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البوابة التعليمية الإلكترونية لجامعة الإ

What is the correct formula for an ionic compound that contains aluminum ions and carbonate ions?

Select one:

- ☐ a. $\text{Al}(\text{CO}_3)_2$
- ☒ b. $\text{Al}(\text{CO}_3)_3$
- ☐ c. $\text{Al}_2(\text{CO}_3)_3$
- ☐ d. $\text{Al}_3(\text{CO}_3)_2$
- ☐ e. AlCO_3

Clear my choice

Which of the following is insoluble in water at 25 °C?

Select one:

- ☐ A. $(\text{NH}_4)_2\text{CO}_3$
- ☐ B. $\text{Ca}(\text{OH})_2$
- ☐ C. $\text{Mg}_3(\text{PO}_4)_2$

البوابة التعليمية الإلكترونية لجامعة الإسراء

الكيمياء العامة للصيدة

Home

My courses

الكيمياء العامة للصيدة

General

Midterm Exam: General Chem

Question 13

Answer saved

Marked out of 2.5

Flag question

Which one of the following is redox reaction?

Select one:

- ☐ a. $\text{HCl}(aq) + \text{NaOH}(aq) \longrightarrow \text{NaCl}(aq) + \text{H}_2\text{O}(l)$
- ☐ b. $\text{HCN}(aq) + \text{NaOH}(aq) \longrightarrow \text{NaCN}(aq) + \text{H}_2\text{O}(l)$
- ☐ c. $\text{Pb}(\text{NO}_3)_2(aq) + 2\text{KI}(aq) \longrightarrow \text{PbI}_2(s) + 2\text{KNO}_3(aq)$
- ☒ d. $2\text{Mg}(s) + \text{O}_2(g) \longrightarrow 2\text{MgO}(s)$

Clear my choice

Question 14

Answer saved

Which one of the following is a chemical change?



F2 F3 F4 F5 F6 F7 F8 F9 F10

@ # \$ % ^ & * (2 3 4 5 6 7 8 9

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☐ C. 85

☒ D. 101

Clear my choice

$[(1.00 - 0.01) \times 2.500] \div 11.0$ the answer with the correct number of significant figures _ _ _

Select one:

☒ a. 0.23

☐ b. 0.2250

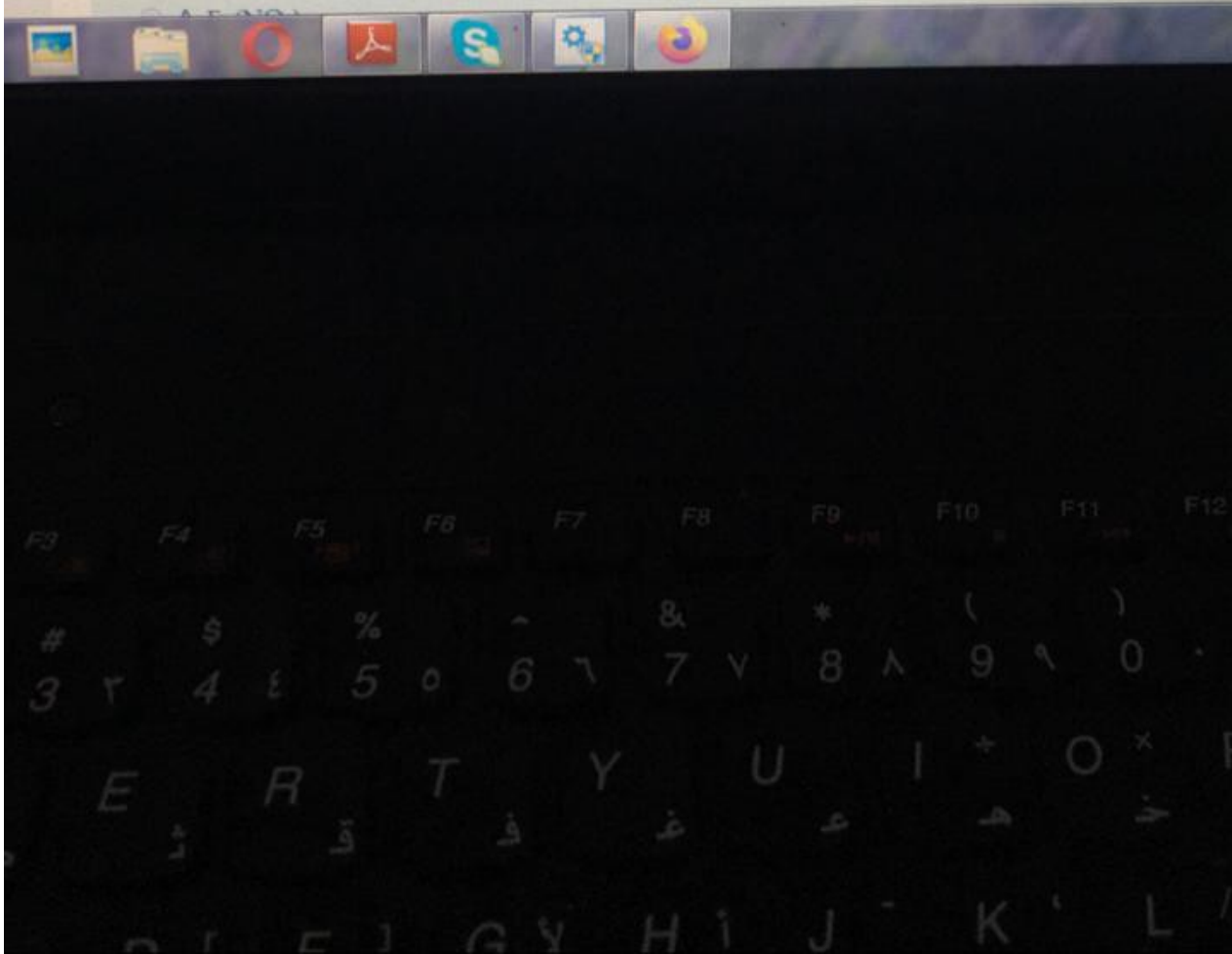
☐ c. 0,22500

☐ d. 0.221

Clear my choice

Which one of the following compounds is **insoluble** in water?

Select one:



Clear my choice

Question 6

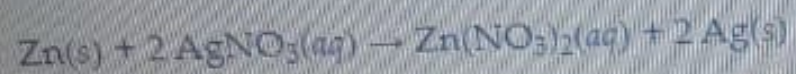
Answer saved

Marked out of

2.5

Flag
question

What element is undergoing reduction (if any) in the following reaction?



Select one:

- ☐ A. O
- ☐ B. Zn
- ☐ C. Ag
- ☒ D. N

Clear my choice

Question 7

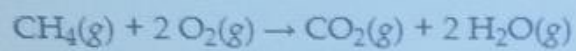
Which one of the following is an empirical formula?

Select one:

A. $\text{C}_2\text{H}_4\text{O}_2$

[Clear my choice](#)

What element is undergoing reduction (if any) in the following reaction?



Select one:

- ☐ A. C
- ☐ B. H
- ☐ C. O
- ☐ D. None of the elements is undergoing reduction.

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Question 1

Answer saved

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Flag question

The reaction $\text{Cu}_{(s)} + 2 \text{AgNO}_{3(aq)} \rightarrow \text{Cu}(\text{NO}_3)_{2(aq)} + 2 \text{Ag}_{(s)}$ is best classified as a

Select one:

- ☒ a. oxidation-reduction reaction.
- ☐ b. precipitation reaction.
- ☐ c. acid-base neutralization reaction.
- ☐ d. double replacement reaction.

[Clear my choice](#)

Question 2

Answer saved

Marked out of 2.5

Flag question

Which of the following is strong



3



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Question 1

Answer saved

Marked out of 2.5

Flag question

Which of the following is not molecular formula of C_2H_5F ?

Select one:

- ☐ A. $C_8H_{20}F_4$
- ☒ B. $C_4H_{10}F_4$
- ☐ C. $C_6H_{15}F_3$
- ☐ D. $C_4H_{10}F_2$

[Clear my choice](#)

Question 2

Answer saved

Marked out of 2.5

Flag question

Question 14

Answer saved

Marked out of
2.5

Flag
question

When aqueous solutions of _____ are mixed, a precipitate forms.

Select one:

- ☐ A. Li_2CO_3 and CsI
- ☐ B. NaI and KBr
- ☒ C. NiBr_2 and AgNO_3
- ☐ D. K_2SO_4 and CrCl_3

[Clear my choice](#)

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