



مدونة المناهج السعودية

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الموقع التعليمي لجميع المراحل الدراسية

في المملكة العربية السعودية

## Chemistry Test

### Atomic Molar Mass (g/mol):

Nitrogen (N) = 14.0

Oxygen (O) = 16.0

### Atomic Number:

Hydrogen (H) = 1

Carbon (C) = 6

Nitrogen (N) = 7

Oxygen (O) = 8

Sodium (Na) = 11

Chlorine (Cl) = 17

### Physical Constants:

Ion product constant for water ( $K_w$ ) at 25 °C =  $1.00 \times 10^{-14}$



- Mixing olive oil with an aqueous solution of table salt (NaCl) will form:
  - homogeneous mixture
  - heterogeneous mixture
  - colloidal solution
  - suspension
- Which of the following statements is **true**?
  - Sulfur (S) burns in air to form sulfur dioxide (SO<sub>2</sub>) gas
  - Iron metal (Fe) forms iron carbonate when exposed to air
  - Sodium hydroxide (NaOH) reacts with nitric acid (HNO<sub>3</sub>) to form salt, water and gas
  - All basic solutions turn blue litmus paper to red
- In which of the following pairs, do both compounds exist as liquids at room temperature?
  - Nickel chloride (NiCl<sub>2</sub>), and Bromine (Br<sub>2</sub>)
  - Sodium acetate (CH<sub>3</sub>COONa), and Nickel Chloride (NiCl<sub>2</sub>)
  - Ethanol (C<sub>2</sub>H<sub>5</sub>OH), and Bromine (Br<sub>2</sub>)
  - Sulfur dioxide (SO<sub>2</sub>), and Ethanol (C<sub>2</sub>H<sub>5</sub>OH)
- Which of the following compounds is classified as salt?
  - HCN
  - CH<sub>3</sub>COOH
  - Ca<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub>
  - N<sub>2</sub>O<sub>5</sub>
- Which of the following anions contains sulfur atom?
  - Carbonate
  - Dichromate
  - Phosphate
  - Thiocyanate
- When an atom gains two electrons it becomes:
  - Doubly negative charged
  - Triply positive charged
  - Doubly positive charged
  - Neutral
- How many ions would be produced on dissolving one formula unit of potassium hydrogen iodate (KH(IO<sub>3</sub>)<sub>2</sub>) in water?
  - 8
  - 10
  - 4
  - 3
- Which of the following represents a conjugate acid-base pair?
  - HBr(aq) and HCl(aq)
  - HCO<sub>3</sub><sup>-</sup>(aq) and CO<sub>3</sub><sup>2-</sup>(aq)
  - H<sub>3</sub>O<sup>+</sup>(aq) and NH<sub>4</sub><sup>+</sup>(aq)
  - H<sub>2</sub>O(l) and H<sub>2</sub>O<sub>2</sub>(aq)











Answers - English Exam		إجابات اختبار اللغة الانجليزية		Answers		إجابات اختبار اللغة الانجليزية		Answers		إجابات اختبار اللغة الانجليزية	
Q's#	Answers	Q's#	Answers	Q's#	Answers	Q's#	Answers	Q's#	Answers	Q's#	Answers
1 -	A B C D	19 -	A B C D	37 -	A B C D	55 -	A B C D	73 -	A B C D		
2 -	A B C D	20 -	A B C D	38 -	A B C D	56 -	A B C D	74 -	A B C D		
3 -	A B C D	21 -	A B C D	39 -	A B C D	57 -	A B C D	75 -	A B C D		
4 -	A B C D	22 -	A B C D	40 -	A B C D	58 -	A B C D	76 -	A B C D		
5 -	A B C D	23 -	A B C D	41 -	A B C D	59 -	A B C D	77 -	A B C D		
6 -	A B C D	24 -	A B C D	42 -	A B C D	60 -	A B C D	78 -	A B C D		
7 -	A B C D	25 -	A B C D	43 -	A B C D	61 -	A B C D	79 -	A B C D		
8 -	A B C D	26 -	A B C D	44 -	A B C D	62 -	A B C D	80 -	A B C D		
9 -	A B C D	27 -	A B C D	45 -	A B C D	63 -	A B C D	81 -	A B C D		
10 -	A B C D	28 -	A B C D	46 -	A B C D	64 -	A B C D	82 -	A B C D		
11 -	A B C D	29 -	A B C D	47 -	A B C D	65 -	A B C D	83 -	A B C D		
12 -	A B C D	30 -	A B C D	48 -	A B C D	66 -	A B C D	84 -	A B C D		
13 -	A B C D	31 -	A B C D	49 -	A B C D	67 -	A B C D	85 -	A B C D		
14 -	A B C D	32 -	A B C D	50 -	A B C D	68 -	A B C D				
15 -	A B C D	33 -	A B C D	51 -	A B C D	69 -	A B C D				
16 -	A B C D	34 -	A B C D	52 -	A B C D	70 -	A B C D				
17 -	A B C D	35 -	A B C D	53 -	A B C D	71 -	A B C D				
18 -	A B C D	36 -	A B C D	54 -	A B C D	72 -	A B C D				

Answers - Mathematics Exam		إجابات اختبار الرياضيات		Answers		إجابات اختبار الرياضيات	
Q's#	Answers	Q's#	Answers	Q's#	Answers	Q's#	Answers
1 -	A B C D	6 -	A B C D	11 -	A B C D	16 -	A B C D
2 -	A B C D	7 -	A B C D	12 -	A B C D	17 -	A B C D
3 -	A B C D	8 -	A B C D	13 -	A B C D	18 -	A B C D
4 -	A B C D	9 -	A B C D	14 -	A B C D	19 -	A B C D
5 -	A B C D	10 -	A B C D	15 -	A B C D	20 -	A B C D

Answers - Chemistry Exam		إجابات اختبار الكيمياء		Answers		إجابات اختبار الكيمياء			
Q's#	Answers	Q's#	Answers	Q's#	Answers	Q's#	Answers		
1 -	A B C D	6 -	A B C D	11 -	A B C D	16 -	A B C D	21 -	A B C D
2 -	A B C D	7 -	A B C D	12 -	A B C D	17 -	A B C D	22 -	A B C D
3 -	A B C D	8 -	A B C D	13 -	A B C D	18 -	A B C D	23 -	A B C D
4 -	A B C D	9 -	A B C D	14 -	A B C D	19 -	A B C D	24 -	A B C D
5 -	A B C D	10 -	A B C D	15 -	A B C D	20 -	A B C D	25 -	A B C D

Answers - Arabic Exam		إجابات اختبار اللغة العربية		Answers		إجابات اختبار اللغة العربية		Answers		إجابات اختبار اللغة العربية	
Q's#	Answers	Q's#	Answers	Q's#	Answers	Q's#	Answers	Q's#	Answers	Q's#	Answers
1 -	A B C D	11 -	A B C D	21 -	A B C D	31 -	A B C D	41 -	A B C D	51 -	A B C D
2 -	A B C D	12 -	A B C D	22 -	A B C D	32 -	A B C D	42 -	A B C D	52 -	A B C D
3 -	A B C D	13 -	A B C D	23 -	A B C D	33 -	A B C D	43 -	A B C D	53 -	A B C D
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7 -	A B C D	17 -	A B C D	27 -	A B C D	37 -	A B C D	47 -	A B C D	57 -	A B C D
8 -	A B C D	18 -	A B C D	28 -	A B C D	38 -	A B C D	48 -	A B C D	58 -	A B C D
9 -	A B C D	19 -	A B C D	29 -	A B C D	39 -	A B C D	49 -	A B C D	59 -	A B C D
10 -	A B C D	20 -	A B C D	30 -	A B C D	40 -	A B C D	50 -	A B C D	60 -	A B C D