



برعاية معالي وزير التربية والتعليم

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وتوجيهات مساعد الوزير لشئون تطوير المناهج التعليمية
والمشرف على الإدارة المركزية لتطوير المناهج

د/ أكرم حسن

اداءات وتقييمات

الصف الثالث الإعدادي

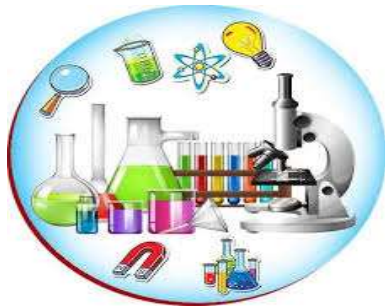
لجنة الأعداد والمراجعة

خبراء مكتب تنمية مادة العلوم

أشرف علمي

مستشار العلوم

د/ عزيزه رجب خليفه



weekly Performances

Lesson 1: Chemical Reactions Thermal decomposition reactions

Question 1: Choose the correct answer:

1) One of the benefits of chemical reactions in our lives is

- A- manufacturing of medicine B- artificial fibers industry
C- Fertilizer industry D- All of the above

2) When blue copper hydroxide is heated, it decomposes into

- A- Copper oxide and hydrogen B- Copper oxide and water vapor
C- Copper and oxygen D- Hydrogen and oxygen

3) Carbon dioxide gas is evolved when the is decomposed by heating.

- A -Cu(OH)₂ B- CuCO₃ C- CuSO₄ D- HgO

4) Thermal decomposition of blue copper sulfate gives copper oxide and gas

- A- Sulfur dioxide B- Sulfur trioxide C- Oxygen D- Sulfur

5) The following chemical equation :-



represents a reaction of

- A- Simple substitution B- Double substitution C- Thermal decomposition
d- Neutralization

6) The airbag contains the sodium compound

- A- Sulfate B- Azide C- Oxide D- Carbonate

Question 3: What happens when?

- 1) A rapid and sudden decrease in the speed of the car
2) Heating an amount of white sodium nitrate



الإدارة المركزية لتطوير المناهج
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3) A glowing splint is exposed to the gas resulting from the thermal decomposition of HgO

Question 3: Give reasons for the following:

- 1) A black substance is formed when green copper carbonate is heated strongly
- 2) A yellowish-white substance is formed when white sodium nitrate is heated
- 3) When heating mercury oxide, its mass decreases and its color changes
- 4) Copper hydroxide turns black when heated
- 5) Chemical reactions are of great importance in our daily lives
- 6) The airbag is considered one of the