



برعاية معالي وزير التربية والتعليم

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

(5)



الصف الثالث الإعدادي
weekly Performances

الفصل
الدراسي الثاني

لجنة الأعداد والمراجعة
خبراء مكتب تنمية مادة العلوم

اشراف علمي
مستشار العلوم
د / عزيزة رجب خليفة

Lesson Two: Speed of Chemical Reactions**Part Two****Question One: Choose the correct answer**

1 -Enzymes work in many biological processes.

- A-As oxidizing agents
- B- As disinfectants
- C- As reducing agents
- D-As catalysts

2 -When manganese dioxide is added to a hydrogen peroxide solution, the amount of manganese dioxide....

- A- Increases
- B- Decreases
- C- Affects the onset of the reaction
- D-B, C together.

3 -All of the following affect the speed of a chemical reaction except.....

- A-Concentration of reactants
- B- Nature of reactants
- C- Nature of products
- D-Reaction temperature

Question two:**Compare between**

1 -Positive catalytic reactions and negative catalytic reactions.

2 -Ionic compounds and covalent compounds

3 -Positive catalyst and negative catalyst

Question three: Give reasons for the following

1 -The reaction rate increases with increasing concentration of reactants

2 -The reaction rate increases with increasing temperature

3 -A catalyst is used in some reactions

- 4 -It is preferable to use fragmented nickel in the hydrogenation of oils
- 5 -Adding pieces of sweet potatoes to hydrogen peroxide increases the reaction rate
- 6 -Food is preserved in the refrigerator for a long time

Question 4:

What is meant by each of the following:

- 1- The rate of chemical reaction.
- 2-The catalytic converter.
- 3-Enzymes

الإدارة المركزية لتطوير التعليم
إدارة تنمية مادة العلوم
2024 - 2025