



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

(4)



الصف الثالث الإعدادي

weekly Performances

الفصل
الدراسي الثاني

لجنة الأعداد والمراجعة
خبراء مكتب تنمية مادة العلوم

إشراف علمي
مستشار العلوم
د / عزيزة رجب خليفة

Lesson two
Speed of Chemical reactions
Part 1

Question one**Choose the correct answer**

1-The reaction of silver nitrate with sodium chloride is one of thereactions

- a- Fast b- Medium c- Slow d- Very slow

2-The speed of the reaction of sodium chloride solution with silver nitrate solution is measured by the rate of appearance of a precipitate

- a- Sodium nitrate b- Sodium chloride c- Silver nitrate d- Silver chloride

3- From the factors affecting the speed of a chemical reaction

- a- Concentration of reactants b- Nature of reactants
c- Temperature d- All of the above

Question two:**Complete the following:-**

1- Iron rusting is considered a reaction, while the fireworks reaction is a reaction

2- At the beginning of the chemical reaction, the concentration of the reactants is while the % and the concentration of the products is %.....

3-At the end of the complete chemical reaction, the concentration of the reactants is and the concentration of the products is %.....

4- Nitrogen pentoxide decomposes into and gases

5-..... The nature of the reactants depends on and

Question three:

What happens in the following cases?

- 1- Adding sodium hydroxide solution to blue copper sulphate solution.
- 2- Replacing iron filings with a piece of iron has the same mass when reacted with dilute hydrochloric acid.
- 3- Increase the surface area of the reactants relative to the rate of the chemical reaction.
- 4- fragmented the reactants in the chemical reaction.

الإدارة المركزية لتطوير المناهج
إدارة تنمية مادة العلوم
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