

Activity 01: Choose the correct answer (03)

1. Corrosion is defined as:
b) Chemical or electrochemical deterioration of metals 0.5
2. Which of the following is an environmental factor affecting corrosion?
c) Medium pH 0.5
3. Electrochemical corrosion occurs when a metal is in contact with:
c) A liquid electrolyte 0.5
4. Rusting of steel is an example of:
b) Corrosion 0.5
5. Which substance is an inorganic corrosion inhibitor?
b) Sodium chromate 0.5
6. Green inhibitors are important because they are:
b) Environmentally friendly 0.5

Activity 02: Write True or False (05)

1. Corrosion causes material loss and economic damage.	True 0.5
2. Corrosion only depends on environmental factors.	False 0.5
Corrosion depends on material and environmental factors. 0.5	
3. Chemical corrosion involves a pure chemical reaction.	True 0.5
4. A corrosion inhibitor increases the corrosion rate of metals.	False 0.5
A corrosion inhibitor It decreases the corrosion rate. 0.5	
5. Organic inhibitors form a protective film on the metal surface.	True 0.5
6. Tea leaves extract is one example of a green corrosion inhibitor.	True 0.5
7. Green corrosion inhibitors are toxic and harmful to the environment.	False 0.5
Green corrosion inhibitors are eco-friendly, non-toxic, and derived from natural sources. 0.5	

Activity 03 (05)

1. What is corrosion? 1

Corrosion is the chemical or electrochemical deterioration of metals due to their interaction with the environment.

2. Name two types of corrosion. 0.5

- Chemical corrosion
- Electrochemical corrosion

3. What is a corrosion inhibitor? 1

A corrosion inhibitor is a substance that reduces or prevents the corrosion of metals when added in small amounts.

4. Translate into Arabic or French 2.5

English term	Arabic	Or	French
• Coatings	الطلاءات		Revêtements 0.5
• Alloying	السبائك		Alliage 0.5
• Rate of corrosion	معدل/سرعة التآكل		Vitesse de corrosion 0.5
• Material loss	فقدان المادة		Perte de matériau 0.5
• Protective layer	طبقة واقية		Couche protectrice 0.5

Activity 04: Passive Voice (03)

Rule:

Active: S1 + Verb + S2

Passive: S2 + to be + past participle + by + S1 1

Sentences:

A- The mechanic is fixing the car.

B- **The car is being fixed by the mechanic.** 1

A- She has finished the report.

B- **The report has been finished by her.** 1

Activity 05: Change into indirect speech (04)

1. “I work in a bank.” ⇒ **He said that he worked in a bank.** 1
2. “I must leave early today.” ⇒ **He said that he had to leave early that day.** 1
3. “Where are you going tomorrow?” ⇒ **He asked me where I was going the next day.** 1
4. “Are you going to the beach today?” ⇒ **She asked me if I was going to the beach that day.** 1