Level: 1<sup>st</sup> year SM Group 1,2,3,4

Timing: 1:30h

# IBN KHALDOUN UNIVERSITY TIARET

#### Department of physics.

### **Family Name:**

### First Name:

The solar system is an amazing place filled with celestial wonders. It consists of the Sun, planets, and various other celestial bodies. The Sun, located at the center, is a massive ball of hot, glowing gases that provides heat and light to the entire solar system.

The planets in our solar system, in order of their distance from the Sun are, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. Each planet has its own unique characteristics and features. For example, Earth is the only known planet to support life, while Jupiter is the largest planet in our solar system, known for its mesmerizing storms and giant red spot.

Apart from the planets, there are other objects in the solar system. Moons orbit around some of the planets, such as Earth's moon. Asteroids are rocky objects that can be found mainly in the asteroid belt between Mars and Jupiter. Comets are icy bodies that originate from the outer regions of the solar system and develop a glowing tail as they approach the Sun.

Studying the solar system helps us understand the vastness of the universe and our place with in it.

## A) Part one:

- 1) Give a title to the text: The solar system
- 2) Answer the following questions:
  - What is the central body of the solar system? **The Sun.**
  - Which planet is closet from the Sun? Mercury.
  - What are comets and where do they mainly found? Comets are icy bodies..... as they approach the Sun.
- 3) Give the Arabic Name of each planet:

الزهرة :Venus	عطارد Mercury: عطارد	الأرض:Earth
Mars: المريخ	المشتري :Jupiter	زحل:Saturn
أورانوس :Uranus	نېتون:Neptune	

### **B)** Part two:

- 1) What "FOMO" stands for? Fear of Missing out.
- 2) True or False
  - Phonetics examines how sounds function and interact with each other. F
  - Phonology focuses on how sounds are produced. F
  - "The" is a definite article. T
  - The definite article used to indicate that the identity of the noun is known to the reader. T

# C) Part Three:

1) Rewrite sentence B so that it means the same as A:

- A) The scientist said: "Saturn's rings are made up of ice particles and rock debris."
- B) The scientist said that Saturn's rings were made up of ice particles and rock debris.
- A) The researcher explained: "Mercury has the shortest year of all the planets".
- B) The researcher explained that Mercury had the shortest year of all the planets.
- A) Scientists are studying the effects of solar flares in Earth.
- B) The effects of solar flares in Earth are being studied by scientists.
- A) The age of the universe has been determined by scientists.
- B) Scientists have determined the age of the universe.

# D) Part Four:

- Each one has his own goal or dream that follows in his life.
  - In a short paragraph talk about your goal;
  - By first introducing yourself then, mentioning your goal and how to achieve it.