

**Anglais Scientifique II**  
**Topic #4**

**Away from the keyboard!**

One of the most important features of evolution in human life is not a keyboard is the appearance of the writing and the proof of the pen on papers and stones, as this event led to the separation of the era of history from the prehistory.

The pen is the keeper of science and not the keyboard, the blogger of ideas, the link between intellectual scientists, and the channel linking the past and present, present and future, even the connection between the earth and the sky has also been through the boards and pen. The Holy Quran has been sworn by the pen and not by the keyboard because the right is often of great value.



One of the greatest pens is the fountain pen, which is a pen for writing that uses liquid ink, which is the development of a feather or a reed that was used for writing. The pen contains an internal ink tank containing water-soluble ink. The pen contains a water-based liquid ink dispenser and is mixed with certain chemicals that help to slip the pen and give gloss to the written characters.

The first invention recorded for a pen containing a reservoir was in the tenth century. In 953, the caliph Al-Muizz li-Din Allah, asked for a pen that did not pollute his hands and clothes while writing. Al-Muizz li-Din Allah, born in 932 in Kutama (Algeria) and died in 975 in Cairo (Egypt), he is the fourth Fatimid caliph.

*Inspired and composed by various sources*

Read carefully the text above and answer the questions below:

**1- Comprehension of the text:**

- What is the topic of the text?

.....**The importance of the pen for human**.....

- What is the channel connecting the past and the future?

..... **The pen** .....

- Why the Holy Quran has been sworn by the pen?

..... **Because the right is often of great value** .....

- When was the earliest invention of a fountain pen? Who asked for it?

...**In the tenth century (953)**...../... **The caliph Al-Muizz li-Dîn Allah**

- Complete the title of the text in the above gaps. **See title**

### 2- **Linguistic competency:**

- Propose an antonym for each word below:

- Important ≠ **Unimportant**
- Separation ≠ **Connection**
- Right ≠ **Wrong**
- Internal ≠ **External**
- First ≠ **Last**

- Give the equivalent in **Arabic** of the terms listed below:

- Features = **مميزات**
- Keyboard = **لوحة المفاتيح**
- Stones = **حجارة**
- Prehistory = **ما قبل التاريخ**
- Blogger = **مدون**
- Ideas = **أفكار**
- Fountain = **نافورة**
- Liquid ink = **حبر سائل**
- Chemicals = **مواد كيميائية**
- Water-soluble = **قابل للذوبان في الماء**
- Gloss = **لمعان**

### 3- **Translation:**

- Translate in **Arabic** the below sentence from the text:

Even the connection between the earth and the sky has also been through the boards and pen.

..... **حتى الرابط الذي بين الأرض والسماء كان أيضًا عبر الألواح والقلم** .....