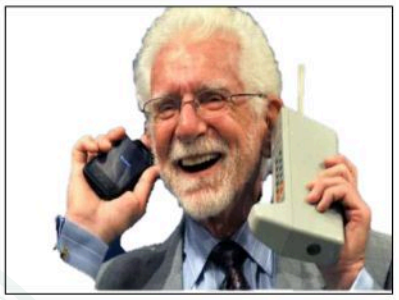
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**Level : 3MS** **School : Lala Mohamed**
**Date: March 8th 2023** **School year: 2022/2023**

# The second term exam at English

**Text :**

Among different innovations in mobile technology, the invention of the cellular (mobile) phone was the most significant one.



Modern mobile phone provides a lot of services from being able to message anyone to immediate access to the internet. We use mobile phones every day and sometimes we cannot imagine our life without it. However, many people do not know that the talented American engineer Martin Cooper, was the inventor of the first cell phone.

Martin Cooper was born in Chicago on the 26th of December 1928. He was graduated from Illinois institute of technology in 1950 and earned a Master's degree in electrical engineering in 1957. He worked in electronic industry especially wireless communication and was awarded multiple patents for his work.

Martin cooper made his invention while he was working in Motorola company in 1973. The first mobile phone was named Dyna Tac 8000 x by Motorola. It looked nothing like what we use now. It was 25 centimeters long and weighed about 1 Kilo.

## Questions:

**PART I : (14PTS)**

**I) READING COMPREHENSION : (7PTS)**

**Task 1: Read the text and match the dates with the corresponding events: (2pts)**

| Date | Event |
|---|---|
| 1928 • | • Cooper's Master's degree |
| 1950 • | • Martin Cooper date of birth |
| 1957 • | • Invention of the first cell phone |
| 1973 • | • Cooper's graduation. |

**Task 2: Read the text and answer these questions: (3pts)**

**1)** Is the mobile phone an important invention?

**2)** in which field did Martin Cooper work?

**3) Was the first cellular phone like to modern cell phones? justify your answer.**

**Task 3:**

**a)** find in the text words closet in meaning to the following. (1pt)

- Web = ……  - Diploma= ……..

**b)** Find in the text words that are opposite in meaning to the following. (1pt)

- old ≠ ……  - Few ≠ ……

**II) Mastery of language: (7pts)**

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**task 1: Combine the pairs of sentences using : 'who' or 'which'. (2pts)**

1) **a-** A cellular phone is a device.

**b-** It is used to communicate over a networked area (cell).

→ ……

**2) a- Marin Cooper invented the first mobile phone.**

**b-** He is an American engineer.

→ ……

**Task 2: Put the verbs in the correct tense. (3pts)**

while Martin Cooper (to make) ……. his invention for Motorola company, other companies (to try) …… to create a similar type of mobile device. In 1973, Motorola (to win) ……. the tech war and (to be)……. the first to invent the cellular phone.

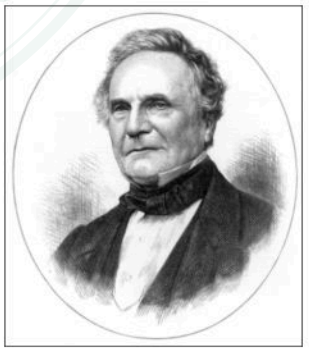
**task 3: Sort out from the text verbs in the past and classify them according to the pronunciation of their final (ed). (2pts)**

| /t/ | /d/ | /id/ |
|---|---|---|
| …….. | …….. | ……..<br>…….. |

**PART II: SITUATION OF INTEGRATION**

Throughout the history inventors' ideas and inventions have changed the way we live and made it easier and more enjoyable. Use the information in the ID card to write a biography of Charles Babbage.

**ID CARD**



**Name** : Charles Babbage
**Known** : 'The father of the computer'
**date of birth**: December 26th 1791
**Place of birth**: London - England
**Job**: Mathematician - scientist - inventors
**Education**: be - interested - Mathematics -
join -Cambridge university - 1810
Graduate -1814
**Invention**: the first mechanical computer - 1822.
**Date of death**: October 18th 1871
**Place of death**: London - England.

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