

The Second Tem English Examination

The Father of Mechatronics

Professor Kamel Youcef Toumi is one of the most famous Algerian immigrant scientists. He was born in 1954, in ksar Boukhari (70kms from Media). At the age of 3, his father died as a martyr. So , he grew up under the care of his older brother . In his town, he followed his primary and middle school studies. He, also, learnt the Quran by heart.

After obtaining the BEM certificate, he left to lycee Fekhar in Medea where his thinking towards the achievement of science changed. As result, he passed the Baccalaraureate in Mathematics with an excellent grade in 1974. After that, he went to Bab E'Zouar University where he spent only one year. In 1975, he received a scholarship from the Algerian State to go to the USA. There, he did his graduate studies at Cincinnati University. He had his Bachelor degree in the Mechanical Engineering in 1997. Since then, he held a Master and a phd . From Massachusetts Institute of Technology in 1981 and 1985. Five years later, he invented the fastest robot in the world capable of witing 1300 lines per second.

Dr. Youcef Toumi is the auther of more than 150 publications, had nearly 50 patents that served humanity, what nominated him for the Nobel Prize in 2005.

Adapted from: algerianscholaraward.org researchers blogspot.com.tr Aljazeera.net

Part One : a) Reading Comprehension: (7pts)

Read the text carefully and do the following activities:

Activity One : Complete Dr. Toumi ID Card. (3pts)

Dr. Toumi ID Card

Full Name :

.....

Date and Place of Birth:

.....

Occupation

.....

Degrees:.....

.....

Invention:.....

.....

Awards:.....

.....

Activity two : Answer these questions : (2pts)

1.Is the text excerpted from book ?

.....

2.Did Dr. Toumi do his graduate studies in Algeria ?

.....

3.What did he create in 1990 ?

.....

4.When was nenominated for the Nobel Prize ?

.....

.....

Activity three: Lexis (2pts)

1) Find in the text words that are closest in meaning to :(1pt)

Created=..... Well-known=.....

The Second Term English Examination

Text

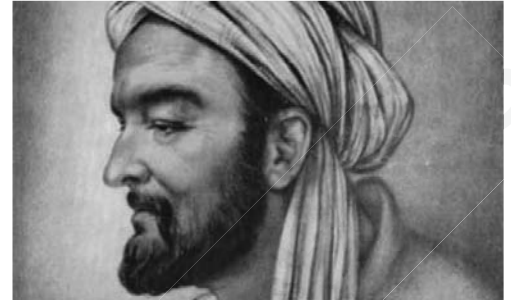
Abd Al-Rahman Ibn Muhammad Ibn Khaldun was a famous Maghrebin scholar who invented modern sociology .He was born on May 27th 1332 in Tunis. His parents died during an epidemic of the plague which hit Tunis in 1348-1349, leaving Ibn Khaldun orphan at the age of 17.

In 1354, he accompanied his teacher to Fez ,where he became a secretary of the Sultan of Morocco.

Ibn khaldun spent 4years -from 1375 to 1378 –writing his "Muqaddimah" and a part of "Kitab al –Ibar ".

He travelled to Cairo in 1383 where he became a teacher and a Cadi or a judge. His wife and four daughters died in a shipwreck on their way to join him in Cairo.

He went on the pilgrimage and returned to Cairo 18 months later, where he died on 17th March 1406.



Adapted from 3ms teacher 's guide

Part one

Reading comprehension (07pts)

Task One: I Give a title for the text (0.5pt)

Task Two: I Read the text, and I answer the following questions: (3pts)

- 1-Where and when was Ibn Khaldun born?.....
- 2- Was he an orphan?.....
- 3- What were his occupations?.....

Task Three: I Read the text, then I write " true" or " false" (1.5 pt)

- 1- Ibn Khaldun was the father of sociology.
- 2-He died in Egypt.

Task Four: I Match the words with their definitions (2pts)

Words	Definitions
1-Technology	a- Being known to many people.
2-Achivements	b- The study of the structure and behaviour of the physical and natural world through observation and experiment.
3-Famous	c- Gaining or reaching something by making efforts.
4-Sience	d- The study and use of science for practical tasks in industry business.....etc.

Full name :

Teacher : Miss Allal

School : Hocine Rebah Middel School

Level: 3AM

Class 3Ms.....

Second Term Exam of English

Time: 1h30

The text :

Dr. Abderrahim Bourouis is an Algerian engineer and researcher. He was born in Tlemcen; He is 28 years old. His father is a mechanic and his mother is a housewife. He went to primary school, middle school and high school in Tlemcen. Dr Bourouis had his undergraduate studies and got Bachelor and Master's degrees from Abu Bakr Belkaid University in 2009 then he got his PhD from the same university in 2014. Dr. Bourouis is working in Algérie Telecom Company as a researcher. Dr. Bourouis invented a smart shirt to help people suffering from Alzheimer disease.

Adapted from 3rd year school book

PART ONE: (14 pts) A/ Reading comprehension (7pts)

Activity one: I read the text than I choose a b or c (01pts)

The text is about : a / Dr Belgacem Haba b /Dr Melikchi c /Dr Bourouis

B/ What is the type of the document : a/ press article b/ web article

c/ Excerpt from a book

Activity two : Read the following statements and say TRUE or FALSE: (3pts)

1-Dr Bourouis is an electrician.

2- He got his PhD from Houari Boumedién University.

3- He works in Algérie Telecom.

Activity two: Read the text then answer the following questions: (3pts)

1- Did Dr. Bourouis use to study in Tlemcen?

2- When did Dr. Bourouis get his PhD degree?.....

3- What did Dr. Bourouis Invent?.....

Mastery of language (7pts)

Activity one: I join the sentences with Who or which : (02pts)

1/ Isaac Newton discovered the law of gravity .He died at the age of 84 .

.....

2/ Isaac Newton published a book. This book is considered one the most famous books on physics.

.....

Activity two: Complete with (made in) and(made of): (3pts)

- This window is wood and glass; it is Algeria. - Mercedes car is Germany.

Activity three: Classify the words according to their pronunciation: (2pts)

Photo - of - enough - video

/f/	/v/

PART TWO: Written expression (6pts)

It's the 16th of April, your teacher of English asked you to write a short biography about The Algerian Professor Haba Belkacem. The Id Card below will help you.

<p>Full name: Dr Belgacem Haba</p> <p>Nationality: Algerian</p> <p>Date of birth: 1957</p> <p>Place of birth: Biskra</p> <p>University: Bab Zouar University in Algiers.</p> <p>Work in: Japan /America</p> <p>Field: Technology</p> <p>Inventions: many inventions in the field of miniaturization of cameras and telecommunication</p>
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The second term exam

Neil Alden Armstrong was born on August 5 , 1930 in Ohio. He was an American astronaut and historian and is known as the first person to walk on the moon. On July 20, 1969, Neil Armstrong and Buzz Aldrin landed on the moon in a small spacecraft. The rocket was called Apollo11. They both walked on the moon, and millions of people watched and heard this event on live television .



Neil earned a bachelor of science degree in Aeronautican engineering from the Purdue University and a master of science degree in Aerospace engineering from the University of Southern California. In 1970 he received an Honorary Doctorate of Engineering from the Purdue University. From 1971 to 1979 he became professor for Aerospace engineering at the university of Cincinnati.



In 2005, he received the Honorary Doctorate of letters from the University of Southern California .

Armstrong died on the morning of August 25, 2012 .He was 82 years old .

Task 01 : Reading comprehension (7pts)

Activity 01 : I complete the following table with events related to Neil Armstrong (3pts)

Dates	Events
July 20, 1969
1970
From 1971 to 1979

Activity 02 : I answer the following question s (3pts)

- 1) When and where was Neil Armstrong born ?
.....
- 2) What is he known for?
.....
- 3) Did he received the Honory Doctorate of letters in 2005?
.....

Activity 03 : I find in the text words that are opposites to the following (1pt)

Sent =/=.....

Unknown=/.

The input:

Thomas Alva Edison was born in Milan, Ohio, on February 11, 1847. His family moved to Port Huron, Michigan, when he was seven years old. Surprisingly, he attended school for only two months. His mother, a former teacher, taught him a few things, but Edison was mostly self-educated.

His natural curiosity led him to start experimenting at a young age with electrical and mechanical items at home. When he was 12 years old, he got his first job. He became a newsboy on a train that ran between Port Huron and Detroit. He set up a laboratory in a baggage car of the train so that he could continue his experiments in his spare time. Edison then worked for five years as a telegraph operator, but he continued to spend much of his time on the job conducting experiments.

He got his first patent in 1868 for a vote recorder run by electricity. However, the vote recorder was not a success. In 1870, he sold another invention, a stock-ticker, for \$40,000. A stock-ticker is a machine that automatically prints stock prices on a tape. He was then able to build his first shop in Newark, New Jersey. Thomas Edison was totally deaf in one ear and hard of hearing in the other. He called himself a "two-shift man" because he worked 16 out of every 24 hours.

Thomas Edison died at the age of 84 on October 18, 1931, at his estate in West Orange, New Jersey. He left numerous inventions that improved the quality of life all over the world. The electric light was not his only invention. He also invented the phonograph, the motion picture camera, and over 1,200 other things.

I. Reading comprehension 7pts1. Read the text carefully and choose the right letter

A. There are paragraphs in the input.

- a. 3 b. 4 c. 5 d. 2

B. This input is a

- a. letter b. an interview c. biography d. conversation.

2. Read again and say in which paragraph it is mentioned that 2pts

- a. Edison left a lot of inventions.
b. He was self-educated.
c. He was interested in electricity and mechanics.
d. He worked as a telegraph operator.
e. He was totally deaf in just one ear.

3. Match the dates with the corresponding events 3 pts

Dates	Events
1870	Thomas' first job
1859	Thomas' death.
1931	Thomas' birthday
1868	Thomas' first patent
1847	Thomas' stock-ticker sale

II. Mastery of language 7pts

1. Add a word to the list 2pts

science, research, discovery,.....

chip, memory chip, USB stick,.....

2. Put the verbs in the right form 3pts

a. Issac Newton (sit).....under an apple tree when an apple (knock).....his head.

b. Astronauts (discover).....new things while they (visit).....the moon.

c. While the scientist (explain).....his discovery, students (take).....notes.

3. Put the following words in the right column according to their pronunciation 2pts

telegraph, improved ,shift, phonograph

/f/	/v/
.....

III. Situation of integration 6pts

Your friend wants to make a research about Thomas Edison he asked for your help, you wanted to help him/her answering his/her question report your dialogue including: date and place of birth, inventions and date and place of death.