

The Second Term Exam

The text:

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 writing 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.ne

PART ONE:

A/Reading Comprehension: (07pts)

Task 01: Match the dates with the corresponding events (03 pts)

Dates	Events
-in 1997	a)-
-in	b)- He was nominated for the Nobel Prize.
-in 1975	c)-

Task0 2: Answer the following questions (02pts)

- 1)- What did he invent ?
- 2)- Did he win The Nobel Prize ?

Task 0 3: What do these words mean , Circle the correct answer (02pts)

- 1- **Scientist** : a) – learner b)- Scholer c)- writer
- 2- **Degree** : a)- Stage b)- class c)- Diploma
- 3- **Passed** : a)- Failed b)- succeeded c)- lost
- 4- **Discover** : a) - worked b)- invent ed c)- learnt



B/Mastery of Language: (07pts)

Task 01 : Supply the punctuation and the capital letters where necessary (02pts)

albert einstein is a German scientist who was born on March 14th 1876 in germany.

Task 02 : Turn these sentences into the negative form (03pts)

- 1)- Marie Curie won three Nobel Prizes .
- 2)- Dr Belgacem Haba designed the I phone .
- 3)- Ibn Khaldoun wrote “Canon of medicine ” many years ago.

Task0 3: Classify the following verbs according to the pronounciation of their final "ed " (02pts)

Followed – Studied - Nominated – Received

/ t /	/ d /	/ id /
.....

Part Two:

Situation of integration : (07pts)

Use the information below and write a short **biography** about this famous Algerian scientist

ID CARD



Full name: Belkacem Haba

Occupation: Scientist / Researcher .

Date/place of birth: 1957,M'ghayer , Ouad Souf .

Studies: (to study) Bab E'Zouar University / Algiers.

Degrees: Bachelor 's in physics / 1980.

-(to get) a PhD in applied physics from Stanford University

-(To work In Japan / America .

Inventions: (to invent) many inventions in the field of miniaturization of camera and telecommunication.

-(to develop) and (to design) the PlayStation 2 and 3.

Awards: (to win) Frost Silver in 2013.

BEST OF LUCK