ساعتان و نصف

الجمهورية الجزائرية الديمقراطبة الشعبية مديرية التربية لولاية سطيف. امتحان بكالوريا تجريبي. الشعب رياضيات +علوم تجريبية.

الموضوع الاول

PART One : (15 pts)

Comprehension :(08 pts.)

Read the text carefully and do the activities.

The cries of working children can be heard all over the world. The international labour organization estimates that 75 million children aged between 8 and 15 are working in the developing

Children often work under hazardous conditions, handling poisonous chemicals, inhaling noxious fumes, and carrying excessive weights. They are usually overworked, underfed and underpaid. Most of the children risk their physical and mental health and surrender their childhood so that they and their families survive. If they don't work, they don't eat.

Because child labour means cheap labour, the young are often more readily employable in the developing economies. "Children often provide the same productivity as adults, but for lower costs, » says an indian owner," they are more manageable and they are unlikely to complain to authorities when

However, necessity is not the cause of all child labour, thousands of french youths work in farms every summer because they enjoy the festival-like atmosphere. But these youngsters work for spendir

Adapted from" Newsweek.Apr.2003."

1.-The text is about :

a- Children and their decent living coorditions.

b- The employed children.

C -Violations of children's rights.

2-The text is taken from :

a- An Internet website.

b- A magazine.

c- A history book.

3- Are these statements True or False?

Children are working in dangerous conditions.

b- Children don't yield the same productivity as adults.

All the children throughout the world work to feed their families.

d- Working children dare complain to authorities.

4. In which § is it mentioned that « Working children sacrify their health to feed their families and

5. Ans wer the following questions according to the text.

- a- How are the working conditions of children? Give at least two examples.
- b- V/hy are some children obliged to work?
- Why do some companies prefer employing children?

B- Text exploration :(07 pt	s.
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- Find in the text words/expressions that are closest in meaning to the following.
- Dangerous: (§.2) haspardous

b-similar: (§.3)

2- Find in the text words/expressions that are opposite in meaning to the following. a-Die=/= (§.2) pour 100

b-Higher =/= (§.3)

3-Con plete the following chart as shown in the table.

Verb	Noun	Adjective
Eg : to estimate	Estimation	
1-To sarrender		Etimated/Estimabile.
2-To poison	Muneudoration	Surrendered/surre ndering
	***************************************	Poisonous
3	Risk	Risky
tistration early.	Necessity	
5- To produce		Necessary
	Production/Productivity	maducted
5- To v/ork	Work	12 Janhea Lugarlino

4-Rew ite sentence (k	o) so	that it means the same as sentence (a)	
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- 1-a The cries of working children were heard by all people all over the world.

2-a Companies employ children since governments don't control them.

b. If the months about control them.

3-a-« Do all companies employ children in your country? » the journalist inquired. h-The journalist Lugarume

5-Classify the following words according to the pronunciation of their final « ed ».

Aged-employed-provided-carried-worked-estimated

/t/	/d/	/id/
	Λ	7.07

Part two: Written expression. (Choose one of the following topics.) (05 pts.)

Topic one:

Some children have to work and can't go to school. They do hard jobs. They are overworked, underfed and underpaid. Use the following notes to write a short essay about such situations in your hometown.

-failure at school—poverty—most of them work in cafes/Restaurants/Agriculture...etc—they are badly paid—they lack safety measures and their future is precarious. Topic two:

Do you think that astronomy is vital to humankind? Write a short article in defence of the usefulness of space exploration.

Bac Blanc.

SUBJECT TWO

2014-2015.

Part one :Reading.(15 pts.)

A-Comprehension: (08 pts.)

Read the text carefully and do the activities.

Scientists announced last night that <u>they</u> had buckets of water on the moon following the analysis of data from a spacecraft that was deliberately crashed into a lunar crater last month.

The researchers said the evidence for the existence of significant bodies of water ice hidden in polar craters on the moon is « definitive » and that the total quantities could be big enough to support a permanently-manned lunar base.

It is the first time that the US National Aeronautics and Space Administration (NASA) have been so categorical about the discovery of water on the moon. Previous studies had only suggested that the presence of water might be possible and then only in trace amounts.

One of the unsolved questions is how the water could have got to the Moon. One theory is that <u>it</u> arrived on a comet and never evaporated in the shaded polar craters <u>where</u> temperature is minus (- 220 °C).

NASA estimates that there are 12,500 square kilometers of permanently-shadowed terrain on the Moon and if the top one meter of this area were to hold just 1% by mass of water ,this would still produce thousands of liters of water.

1-Circle the letter that corresponds to the right answer.

-The text is :A-Narrative.

B-Descriptive.

C-Expository.

D-Argumentative.

2-Are these statements TRUE or FALSE?

a-Scientists announced the existence of water on the moon.

b-Previous studies suggested that water might exist in abundance.

c-One of the mysteries is how water could exist on the Moon.

d-Due to the warm climate the water never evaporated.

3-Answer the following questions according to the text.

a-How did scientists get buckets of water on the Moon?

b-How could water get to the Moon?

4 -In which paragraph is it mentioned that "scientists have already studied the problem of water on the Moon".

5-Who or what do the underlined words refer to in the text?

a-They (§.1)

b-It (§.4)

c-Where (§.4)

XT EXPLORATION:			
d in the text words	whose definitions follow. a-A	Set of facts or information at	out something (
hole in the ground	or in the top of a volcano :(§.1	1 1 1 2	y. gimisaming .
	that are opposite in meaning t	to the following:	
A CONTRACTOR OF THE CONTRACTOR	- 101110011	arily =/= (§.5)	
olved -permanently	ords into roots and affixes.(af -categorical—possible.	ffix =prefix+suffix.)	£0.
Prefix	Root	Ccc:	
	ROOL	Suffix	
	so that it means the same as s		
Water	ered water on the Moon.		
f there was water or	n the Moon, people could go ar providing(that)		
mplete the following	n the Moon, people could go an providing (that) ng chart as shown in the example	ole. Adjective	- 1 8 kg
mplete the following Verb e.g:To estimate	n the Moon, people could go an providing that) ng chart as shown in the example Noun	Adjective Estimated/Estimable.	- 1 8 kg
mplete the following Verb e.g:To estimate	n the Moon, people could go an providing (that) ng chart as shown in the example Noun Estimation	Analytic/Analytical.	- 1 8 kg
mplete the following Verb e.g:To estimate	n the Moon, people could go are providing that) ng chart as shown in the example Noun Estimation Analysis	Adjective Estimated/Estimable. Analytic/Analytical. Significant/Significative.	- 1 8 kg
mplete the following Verb e.g:To estimate 1	n the Moon, people could go are providing that) ng chart as shown in the example Noun Estimation Analysis	Adjective Estimated/Estimable. Analytic/Analytical. Significant/Significative. Existent/Existing.	- 1 8 kg
mplete the following Verb e.g:To estimate 1	n the Moon, people could go are providing that) ng chart as shown in the example Noun Estimation Analysis	Adjective Estimated/Estimable. Analytic/Analytical. Significant/Significative.	- 1 8 kg
mplete the following Verb e.g:To estimate 1	n the Moon, people could go ar providing (that) ng chart as shown in the example Noun Estimation Analysis Significance/Signification	Adjective Estimated/Estimable. Analytic/Analytical. Significant/Significative. Existent/Existing.	- 1 8 kg

7-Classify the following words according to the pronunciation of their final « s ».

-Studies—Traces—Amounts—Bodies—Crashes—Estimates.

« Z »	« iz »
	« Z »

Part two :written expression.(05 pts.)-Choose ONE of the following topics.

- -Topic one :Using the notes below, write a composition of about 100 to 150 words on the following :Can man one day live on the Moon ? Say why ?
- -Absence of heat energy and light energy.-Not enough water.-Not enough oxygen.-No interesting places to visit.-No amenities—No entertainment—No means of leisure..etc.
- -Topic two: Children's rights are violated incessantly in most countries in the world. We still see children aged between 10----16 working under miserable conditions instead of going to school to study. In this regard, write a short essay about the basic children's rights guaranteed then suggest some solutions to such malpractices towards children.