



دورة ماي 2018	• بكالوريا تجريبي للتعليم الثانوي
المدة : 2 ساعات ونصف	• الاختبار في مادة اللغة الإنجليزية
	• الشعبة : علوم تجريبية-رياضيات-تقني رياضي-تسيير واقتصاد
	• اتفاقية أحداث براق - القرارم -

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الموضوع الاول

PART ONE: Reading
A / Comprehension:

(08 points)

(15 points)

Read the text carefully then do the activities below.

The Red Planet

Throughout human history, the Red Planet "Mars" has remained at the center of astronomical and philosophical interest. The ancient Greeks called the fourth planet from the Sun "Ares" for their god of war. Similarly, the Romans honored their god of war by giving the planet its present name. The presence of an atmosphere, polar caps, and changing patterns of light and dark on the surface caused many pre-space age astronomers and scientists to consider Mars an "Earthlike" planet, or the possible abode of extraterrestrial life.

However, between 1962 and late 1973 NASA's Jet Propulsion Laboratory (JPL) designed and constructed ten (10) spacecraft named Mariner. Their purpose was to explore the inner solar system, visiting the terrestrial planets including Mars for the first time, and then returning to it for close-up observation.

Instead, spacecraft-derived data have shown that the Red Planet is actually "halfway" world. The Mariner 5, 6, and 7 spacecraft provided photographs of Mars, while the Mariner 9 spacecraft become the first satellite of Mars. Data from these and many other missions suggest that part of the Martian surface is ancient, like the surface of the Moon and Mercury, while part of it is more evolved and earthlike tantalizing hints that liquid water flowed freely on Mars in the past. In fact, all these missions illustrate the practical attempts which tackle some basic human questions since our ancestors looked up at the sky and asked: "Are we alone?"

Adapted from: Encyclopedia of Space and Astronomy (2006)

1. Circle the letter which corresponds to the right answer. (1pt)

The text is: a) descriptive b) expository c) argumentative.

2. Read the text then put the following sentences in the order as they appear in the text. (2pts)

- The inner solar system in the first stage of exploration.
- The Red Planet surface and its state of enlightening.
- The prevailing beliefs in prehistory about the Red Mars.

3. Answer the following questions according to the text. (3pts)

- Why was Mars considered as Earthlike by the former astronomers?
- Did Mariner 9 succeed to achieve a stable orbit?
- What did data gathered about Mars suggest?

4. In which paragraph is it mentioned that the Red Planet was explored for the first trial? (1pt)

5. Who/ What do the underlined words refer to in the text? (1pt)

a- Their (§1)=

b- it (§3)=.....



B/ Text Exploration: (07 points)

1. Match the words with their definitions. (1pt)

Words	Definitions
a) data	1) everything related to the outside the Planet Earth
b) extraterrestrial	2) to show great respect for someone or something
c) to hint	3) to say or do something that shows indirectly what you think or want
d) to honour	4) information gathered to be examined and considered to help in decision-making

2. Complete the chart as shown in the example. (1pt)

Verbs	Nouns	Adjectives
<i>Example:</i> to explore	Exploration	exploratory
.....	.....	suggestive
To illustrate	.....	.....

3. A : Complete sentence (b) so that it means the same as sentence (a). (3pts)

- 1(a) Astronomical artifacts have been found by many archeologists.
 (b) Many archeologists
- 2(a) "What are the targets of the astronauts?" he asked me.
 (b) He asked me
- 3(a) If there was water on planet mars, people could go and live there.
 (b)providing(that).....

B: Combine each pairs of sentences with the words in brackets. Make changes where necessary

- a)-The planets reflect the light from the sun. The planets are compared to huge mirrors.(**thus**)
- b)-The Earth is more remote from the sun. Mercury is closer. (**unlike**)

4. Reorder the following sentences to make a coherent passage. (1pt)

- a- One reason of these errors was the ambiguity concerning the laws of motion.
- b- In the early 17th C, the practice of it was generally limited to unaided eye observation.
- c - Astronomy is an ancient science studying the universe and the objects in it.
- d - So, the ancient astronomers developed some incorrect ideas about the relationship between the Earth and the objects they saw in the heavens.

5. Classify the following words according to the pronunciation of their final 'ed'. (1pt)

Exposed – illustrated – discovered – launched -

/d/	/id/	/t/

Part Two: Written Expression (05pts)

Choose One of the following topics:

Either topic one: Use the following notes to write an 08 lines-composition about the Sun.

The Sun : our closest star – diameter : 1,392,000 kilometers – age : 4.6 billion years old – location : star in the Milky Way galaxy – temperature : over 15,000,000 degrees Celsius – radiates into space : heat and light – because of Sun's gravitational pull, Earth and planets orbit around it.

Or topic two: After being influenced by an advertisement on TV, you bought a product. When you used it, you realized that you had been manipulated by the advert. Write a letter of complaint, in which you express your anger and dissatisfaction.

GOOD LUCK

Class : 3As Science + GE

A: Comprehension : (8pts)

1/ / The text is : Expository (1pt)

2/ Sentences right order according to their appearance in the text: (2pts)

a⇒ 3 / b⇒ 2 / c⇒ 1

3/ Answering questions: (3pts = 1 ×3)

a-Because of the presence of an atmosphere, polar caps and changing patterns of light and dark on its surface.

b-Yes , it did.

c-It suggested that part of the Martians surface is ancient, while the other part is more evolved and earth like.

4 / In paragraph : 2 (Two) (1pt)

5/ Reference words : (1pt = 0.5 ×2)

*Their (§1)⇒The ancient Greeks

*it (§3)⇒planet Mars

B :Text Exploration: (7pts)

1/ Matching words and their definitions: (1pt = 0.25 ×4)

a)- Data ⇒ 4) information gathered to be examined and considered to help in decision-making

b)-Extraterrestrial ⇒ 1) everything related to the outside of the Planet Earth

c)-To hint ⇒ 3) to say or do something that shows indirectly what you think or want

d)- To honour ⇒ 2) to show great respect for someone or something

2/ Chart completion : (1pt = 0.5 ×4)

Verb	nouns	Adjectives
To suggest	suggestion	suggestive
To illustrate	illustration	Illustrative

3/ a- Sentences transformation: (2pts)

1: b ⇒ Many archaeologists **have found** astronomical aircrafts .

2 :b⇒ He asked me **what the targets** of the astronauts **were** .

3: b⇒ people **will go** and live on planet mars **providing (that)** there is water there

b- Joining pairs of sentences : (1pt = 0.5 ×2)

a)- The planets reflect the light from the sun. **Thus** they are compared to huge mirrors.

b.)-**Unlike** mercury, the earth **is more remote** from the sun.

4/ Sentences right order : (1pt)

1 ⇒ C / 2⇒ B / 3⇒ D / 4⇒ A

5/ Words classification according to their final “ ed” pronunciation: (1pt = 0.5 ×4)

/ t/	/d/	/ id/
launched	Exposed – discovered-	illustrated



PART ONE: READING (15pts)

A/ **Comprehension and Interpretation** (08pts) *Read the text carefully then do the following activities:*

The childhood obesity epidemic is a serious public health problem that increases morbidity, mortality, and has substantial long term economic and social costs. The rates of obesity in America's children and youth have almost tripled in the last quarter century. Approximately 20% of our youth are now overweight with obesity rates in preschool age children increasing at alarming speed. According to the Centres for Disease Control and Prevention, the prevalence of obesity has more than doubled among children ages 2 to 5 (5.0% to 12.4%) and ages 6 to 11 (6.5% to 17.0%). In teens ages 12 to 19, prevalence rates have tripled (5.0% to 17.6%). Obesity in childhood places children and youth at risk for becoming obese as adults and associated poor health such as diabetes, cardiovascular diseases, and some forms of cancer. Prevention efforts must focus on reducing excess weight gain as children grow up.

Today's children, ages 8 to 18, consume multiple types of media (often simultaneously) and spend more time (44.5 hours per week) in front of computer, television, and game screens than any other activity in their lives except sleeping. Research has found strong associations between increases in advertising for non-nutritious foods and rates of childhood obesity. Most children under age 6 cannot distinguish programming and advertising and children under age 8 do not understand the persuasive intent of advertising. Advertising directed at children this young is by its very nature exploitative. Children have a remarkable ability to recall content from the ads to which they have been exposed. Product preference has been shown to occur with as little as single commercial exposure and to strengthen with repeated exposures. Product preferences affect children's product purchase requests and these requests influence parents' purchasing decisions.

Adapted from the Internet: <http://www.apa.org/topics/kids-media/food.aspx>

1- **Write the letter that corresponds to the right answer:** (1.5pt)

A/ **The childhood obesity epidemic is considered as a serious problem because.....**

- a) - it is a source of health and economic problems.
- b) - its rates have tripled in the last quarter century.
- c) - it increases at an alarming rate.

B/ **Prevention efforts to fight children obesity must focus on.....**

- a) - limiting the consumption of non-nutritious foods.
- b) - reducing excess weight gain as children grow up.
- c) - preventing children from exposure to advertising.

C/ **Food ads are mostly directed at children because.....**

- a) - they have the ability to recall the content from the ads.
- b) - they are very young.
- c) - children are very exploitative.

2- **Answer the following questions according to the text:** (4pts)

- a) What does the writer mean by long term economic and social costs?
- b) What kind of problems can obesity create?
- c) Do children nowadays sleep enough?
- d) What role does advertising play in childhood obesity?

3- **What do the underlined words refer to in the text?** (1.5pt)

that → (§1) ; its → (§2) ; which → (§2)

4- **Copy the title you think is the most appropriate to the text:** (1pt)

- a) Food Advertising and Childhood Obesity
- b) Energy Balance
- c) Food Safety



B/Text Exploration: (07pts)

1- Find in the text words synonyms in meaning to the following: (2pts)

a) sicknesses (§1)=.....

b) overweight (§1)=.....

c) links (§2)=.....

d) happen (§2)=

2- Complete the following chart as shown in the example: (1.5pt)

Verb	Noun	Adjective
e.g.: To advertise	advertisement	Advertised
To increase	.....	.....
.....	.....	Economic
To Prefer	.....	.....

3- Connect each pair of sentences with one of the words given. Make changes where necessary: (1.5pt)

a) Children become obese. / They consume a lot of non-nutritious foods.(since)

b) Children consume the right kind of food. / They keep their energy balance.(if)

c) Some parents advise their children to eat healthy food. /Children are attracted by junk food ads seen on TV.(Although)

4- Classify the words according to the pronunciation of their final "S" (1pt)

- increases - foods - preferences - costs

/s/	/z/	/iz/

5- Fill in the gaps with words from the list: (1pt)

- enough - food - obese - advertisements - influence -Amount

Nowadays, people can't keep their energy balance. If they eat too many products which contain a large....(1)....of sugar and fat, they'll become(2)....If they eat little food, they will not have....(3)....energy. They are influenced by.....(4)....shown on TV; as a result, they prefer eating fast food.

SECTION TWO: WRITING (05 pts) Choose one of the following topics

Either Topic One: Write a letter to the manager of a food company in which you complain about the consequences of their advertisements on children's health. (Sign the letter Foulane Benfoulane.)

You may use the following notes:

- Spend a lot of time watching advertisements of food products
- Eat too much
- Become obese / ill/ blood pressure/ diabetes.

Or Topic Two: Nowadays, counterfeiting is becoming a widespread phenomenon. Write a composition about its negative effects on both the consumer and the companies.

Good Luck

PART ONE; READING (15points)

A/ Comprehension and Interpretation: (08pts)

1- Answering MCQ: (1.5pt = 0.5pt x3)

A/ The childhood obesity epidemic is considered as a serious problem because....

a) - it is a source of health and economic problems.

B/ Prevention efforts to fight children obesity must focus on....

b) - reducing excess weight gain as children grow up.

C/ Food ads are mostly directed at children because...

c) - children are very exploitative.

2- Answering questions: (4pts =1ptx4)

a) The writer means that the childhood obesity epidemic is a serious public health problem.

b) Obesity in childhood places children and youth at risk for becoming obese as adults and associated poor health such as diabetes, cardiovascular diseases, and some forms of cancer.

c) No, they don't.

d) Research has found strong associations between increases in advertising for non-nutritious foods and rates of childhood obesity.

3- Cohesive markers: (1.5pt = 0.5ptx3)

that (§1) → The childhood obesity epidemic / a serious public health problem

its (§2) → Advertising directed at children this young (under age 8)

which (§2) → the ads

4- Giving a title to the text: (1pt)

a) Food Advertising and Childhood Obesity

B/TEXT EXPLORATION: (07pts)

1- Finding synonyms in the text: (2pts =0.5ptx4)

a) sicknesses (§1)= diseases

b) overweight (§1)= obese

c) links (§2) = associations

d) happen (§2) = occur

2-Deriving Verbs, Nouns and Adjectives: (1.5pt =0.25ptx6)

Verb	Noun	Adjective
e.g.: To advertise	advertisement	Advertised
To increase	increase	Increased
To economize	economy	Economic
To Prefer	preference	Preferable/preferred

3-Combining statements with connectors provided: (1.5p t= 0.5ptx3)

a) Children become obese **since** they consume a lot of non-nutritious foods.

b) **If** children consume the right kind of food, they **will / can/ may** keep their energy balance.

c) **Although** some parents advise their children to eat healthy food, children are attracted by junk food ads seen on TV.

4- Classifying words according to final "s" (1pt =0.25ptx4)

/s/	/z/	/iz/
costs	Foods	Increases/ preferences

5-Filling gaps: 1- Amount 2- obese 3- enough 4- advertisements (1pt =0.25ptx4)

PART TWO: WRITING (05pts)