

على التلميذ ان يختار موضوعا واحدا

Part One : Reading

(15 points)

A/ Reading & Interpreting

(08 points)

A black hole is a place in space where gravity pulls so much that even light cannot get out. The gravity is so strong because matter has been squeezed into a tiny space. This can happen when a star is dying. Because no light can get out, people can't see black holes. They are invisible. Space telescopes with special tools can help find black holes. The special tools can see how stars that are very close to black holes act differently than other stars.

It's pretty fair to say black holes are hungry all of the time and they are always wondering where their next galactic meal is coming from. Quite recently in December 2011, astronomers have noticed that our Galaxy's black hole has set its sights on a nearby cloud of dust and gas. The scientists who have been watching this cloud for the past seven years with huge telescopes in Chile, South America, have noticed that not only is this cloud moving in the direction of the black hole, but it has also doubled in speed reaching more than 8 million kilometers per hour - now that is pretty fast! Astronomers think that this super-massive black hole will get its meal in a couple of years' time. But what happens when it does? Well, seeing as our strange friend has no manners, it is very likely to belch out very powerful beams of high energy X-ray radiation when it has finished eating - just like the X-rays you might have had at the dentist, but much more powerful!

Astronomy for Kids p105.

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

- A/ The text is..... a) descriptive b) argumentative c) narrative
B/ The text is about..... a) a strange star b) inside earth c) outer space
C/ The text is a) a newspaper article b) an excerpt from a book c) an online article.

2- Answer the following questions according to the text

- a) What is a black hole?
b) Why are black holes invisible?
c) What happens when it gets its meals?

3-What or Who do the underlined words refer to in the text.

- a) this (§1) b) it (§2) c) you (§2)

4- In which paragraph is it mentioned that the rays done when you are ill are compared to those released from black holes?

- 5- Choose a title to the text:** a) Outer Space Heavenly Bodies
b) Black Holes Mysteries
c) Black Hole Next Meal

B/ Text Exploration

(07 points)

1- Find in the text words that are opposite in meaning to the following

* huge (§1)

* distant (§1)

2- Complete the following table

Verb	Noun	Adjective
to speed
.....	radiation
.....	long

3- Combine the two sentences into one using the connector provided. Make any necessary change
Black holes are very dark. It is impossible to see black holes. (so...that)

4/ Rewrite the second sentence to mean the same as the one given

- a) Black holes act differently than other stars.
→ Black holes do not act
- b) Astronomers can see black holes.
→ Black holes
- c) There is no life on other planets
→ I wish

5- Classify the following words according to the number of their syllables

Hole – galaxy – telescope – astronomer – star – power

Words of one syllable	Words of two syllables	Words of three syllables	Words of four syllables

6- Fill in each gap with a word from the following list

might - Earth - planet - are

NASA has successfully launched a rocket carrying a planet-hunting telescope. The powerful Kepler telescope will search for planets similar to the1..... Scientists believe there are good chances of finding a.....2..... like ours somewhere out there in the galaxy. There.....3.... billions and billions of stars in space. If one planet is the right distance from one of these stars, then conditions4.... be right to support life.

Part Two : Written Expression

(05 points)

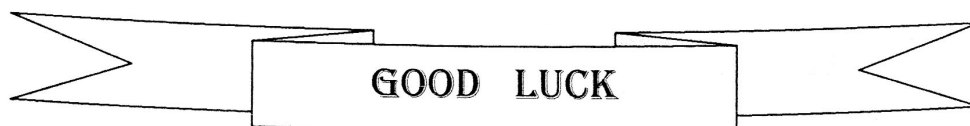
Choose **one** of the following topics

Topic1: Describe our planet Earth using the following notes

- * order : 3rd planet
- * distance from the sun: 150 million Km
- * time orbit : around the sun : 365 days
- * blue planet: existence of life
- * diameter: 1276 thousand Km
- * age: approximately 5 billion years old
- * composition: water- 70% , land-30%
- * atmosphere: nitrogen – oxygen

Topic2 : What would happen if an asteroid collided with the Earth?

Write a short paragraph describing the possible consequences.



Part One : Reading

(15 points)

A/ Reading & Interpreting

(08 points)

China has passed a new law creating a national food safety commission. The Chinese congress approved the new legislation last week. The law, which comes in the wake of a series of tainted food scandals, aims to tighten supervision and increase penalties against offenders of food safety standards.

Under the new legislation, consumers can get financial compensation of up to 10 times the price of the product, in addition to compensation for any harm caused by tainted food. The law also bans food safety supervision agencies from advertising food products, and individuals including celebrities who advertise for a substandard product would also be liable for damages. Legislators say they reviewed four drafts and considered 10,000 public comments before finalizing the law, in an effort to restore consumers' confidence.

According to China's Ministry of Health, the country's food-security situation appears grim. In fact, the country saw several tainted food product scandals last year, including milk spiked with the chemical melamine that sickened 300,000 children and killed six babies. Several dairy industry executives and milk suppliers have already been sentenced by the court, yet consumer's doubt remains high. Complaints were also lodged against some imported dairy products, including Dumex brand milk powder, whose raw materials come from Australia. (BBC NEWS,2009)

1- Say whether the following statements are true or false according to the text.

- China has passed a new law creating a national food safety commission after a single tainted food scandal.
- China witnessed few contaminated food scandals last year.
- Although the court has sentenced several dairy industry executives and milk suppliers, consumers' doubt is still high.
- Many dairy producers were punished.

2- Answer the following questions according to the text .

- What is the aim of the newly introduced law in China?
- Why did legislators review four drafts and take public comments into consideration before finalizing the law?
- What did the consumption of tainted milk cause last year in China?

3- In which paragraph is it mentioned that the food security situation in China is not well ?

4- What or who do the underlined words in the text refer to?

- they (§2)
- whose (§3)

- 5- Choose a title to the text:**
- Economic Crisis in China
 - Chinese New Food Legislation
 - Chinese Food Scandals

B/ Text Exploration

(07 points)

1- Find in the text words that are synonym in meaning to the following

* lawbreakers (§1)

* the cost (§2)

2- Complete the following table

words	prefix	root	suffix
supervision			
substandard			
reviewed			

3- Join the pairs of sentences below using the connectors in brackets. Make changes where necessary.

- a) Many people suffer from tricky health problems. They consume junk food. (due to)
b) The consumers' doubt was high. They decided to boycott all homemade dairy products. (sothat)

4- Complete sentence (b) so that it means the same as sentence (a)

- 1) a. Food scandals decrease on the condition that the authorities tighten food safety laws.
b. Provided that
2) a. "Tainted foods cause serious health problems", he said.
b. He said

5- Classify the following words according to the pronunciation of their final (s):

products – damages – materials- penalties – complaints – churches

/s/	/z/	/iz/

6- Fill in the gaps in using words form the following list

remote – unlicensed – poisoned – number

In 2007, Japanese health investigators reported that at least 174 people were1.....by counterfeit cold medicine linked to an.....2..... Chinese chemical plant. The report was the government's first effort to offer a precise toll of those killed and disabled in this incident. But the head of the agency who prepared the report said the3.....of victims was bound to be much higher because many in4.... areas of the country didn't report their cases to the government.

Part Two : Written Expression

(05 points)

Choose **one** of the following topics

Topic1: What should your government do to prevent contaminated food scandals?

Write a composition to suggest the appropriate measures. You may use the following notes:

- a. The effects of contaminated food and products: causing death/ serious diseases/ sicken children...etc
b. Measures to be taken : to increase inspection/ to enact tougher laws/to ban unhealthy food/ control the imported goods/to ban the advertising of nonstandard products/make people aware of the danger of tainted food/ make a list of nonstandard products available in markets...etc.

Topic2 : You have bought a TV set and you discovered that it did not work properly.

Write a letter of complaint to the company manager expressing your disappointment and asking for Compensation.

