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Etablissement privé d'éducation et d'enseignement - L'Opiniâtre

المؤسسة الخاصة للتربية و التعليم - أوبينياتر

Level: 3m.s		March 2020
Enlish EXAM n°2		
Class :	Name :	……../ 20

Text

Born around a thousand years ago (965-1040) in present day Iraq, Al-Hassen Ibn Al-Haitham was a great scientific thinker **who** made important contributions to the world.

Ibn Al Haitham lived during a creative period known as **" The Golden Age"** of muslim civilization **which** saw many fascinating advances in science, technology and medicine.

Ibn Al Haitham wanted to understand what light is, how it works and how humans see objects. He was the first who disproved the ancient Greek idea that light comes out of the eyes. He studied and experimented to prove that light enters the eye rather than leaving it. This discovery was truly revolutionary.

He wrote more than 96 books; only 55 are known to have survived. Those related to the subject of light include: ''***The Light Of The Moon***'','' ***The Light Of Stars***'','' ***The Rainbow and The Halo***'' and ''***The Formation Of Shadows***''. His main book ''***Kitab al Manazir*** '' **which** was translated to many languages made radical changes in the western optical traditions.

Through his researches, Ibn Al Haitham made important contributions to our understanding of light, optics and vision. He is known as ''***the father of optics***''. His most famous invention is the Camera Obscura : the Pinhole Camera. He also had great impact on thinkers and scientists **that** came after him such as Issac Newten who was aware of Ibn Al Haitham's works.

Questions

Reading and comprehension:07pts

1. ***Read the text and answer the questions:***

a. In which period did Ibn Al-Haitham live?
b. What is Ibn Al Haitham known as?
c. What is the most important book that he wrote?

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2. ***What do the underlined words in the text refer to :***

Who – which – which - that

3. ***Match each verb to its right definition :***

1. To invent	a- be the first person to find a place or something.
2. To discover	b- reserve time and effort for knowledge and science.
3. To study	c- make something for the first time.
4. To search	d- make research using tests and experiments.

Mastery of the language : 7pts

1. ***find the mistake in each sentence and correct it:***

   a. Al Jazari is a Muslim scientist which invented the elephant clock.

   b. Science is the study ov structure and behaviour.

   c. Those shoes are made of Italy.

   d. My father used to took me to school every morning.

2. ***Turn the following sentence into Negative and Interrogative form***

   They were taking photos.

   Negative→

   Interrogative→

3. ***Choose the correct model verb "can" or "may" to start the following requests:***

   a. Nihal asks her classmate to give her the book:

   ……..you give me your book, please?

   b. The pupil asks his teacher to explain an activity to him: …… you explain the activity to me, please?

4. Classfy the following words in the right column:

   Art –cat – far- cheese

/æ/	/a:/	/i:/

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Written expression: 6pts

Your school is organizing a competition about the "best biography" written in English the winner will be awarded on the 16 th April by the headmaster.

Use the information in the table to write a short biography. Use the simple past tense.

Name: Al-Zahrawi
Date and place of birth: 936 CE. Al Andalous.
Fields of study: physics, medicine
Job: Surgeon
Inventions: medical and surgical instruments (scalpels, forceps)
Discoveries: "the catgut" used in surgery, dissolves away naturally
Books: kitab Al-Tasrif
Date and place of death: 1013 CE. Cordoba

Good luck

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Correction

Reading and comprehension:07pts

4. *Read the text and answer the questions*

d. Ibn Al-Haitham was born during the golden age of muslim civilisation.

e. Ibn Al Haitham is known as the father of optics.

f. The most important book that he wrote is Kitab Al Manazir.

5. *What do the underlined words in the text refer to*

6. Who→ Ibn Al-Haithem.

   Which→ "the golden age"

   Which →kitab al Manazir

   that→ thinkers and scientists

7. *Match every verb to its right definition :*

1. To invent	a- be the first person to find a place or somthing.
2. To discover	b- reserve time and effort for knowledge and science.
3. To study	c- make somthing for the first time.
4. To search	d- make research using tests and experiments.

Mastery of the language : 7pts

5. *Sppot the mistake in each sentence and correct it:*

e. Al Jazari is a muslim scientist who invented the elephant clock.

f. Science is the sudy of structure and behaviour.

g. Those shoes are amde in Italy.

h. My father used to take me to school every morning.

6. *Turn the following sentences into Negative and Interogative form :*

They were taking photos.

They weren't taking photos.

Were they taking photos?

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7. ***Choose the correct model verb "can" or "may" to start the following requests:***

   c. Nihal asksher classmate to give her the book:

   Can you give me your book, please?

   d. The pupil asks his teacher to explain an activity to him:

   May you explain the activity to me, please?

8. Classfy the following words in the right column:

   Art –cat- far- cheese

/æ/	/a:/	/i:/
cat	**Art- far**	**cheese**

Written expression: 6pts

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Good luck

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