

Exam Sample Answer

Part One: Comprehension Questions:

Activity one: read the text carefully and answer the following questions:
(5pts)

- 1- What did the Islamic Golden Age bring?
 - **The Islamic Golden Age brought reason, logic, science, and certainty. (1.5 pt)**
- 2- What did Ibn al-Haytham and Jaber Ibn-Hayyan come out with?
 - **Ibn al Haytham and Jaber ibn Hayyan are among the outstanding pioneers in the Islamic Golden Age in which the former came out with the concept of vision and how it occurs, whereas the latter brought into light the different acids along with the concept of laboratory. (1.5pt)**
- 3- What is intended by Cooper's saying?
 - **Cooper highlights implicitly the fact that the west are in debt to the Arabs along with Muslims contributions in various fields of interest with regard to the development they made themselves. (2pts)**

Part Two: Think and Retrieve

Activity One: put the verbs in brackets into the right tense:
(4pts)

- a- Martin (work/not) enough in physics last year.
 - Martin **did not work (1pt)** enough in physics last year
- b- I (to have) a nice laboratory team compared to the one I belong to now.
 - I **had (1pt)** a nice laboratory team compared to the one I belong to now.
- c- Sue has decided. She (to buy) new test tubes.
 - Sue has decided. She **is going to buy (1pt)** new test tubes.
- d- The new head department (to announce) new regulations instantly.
 - The new head department **will announce (1pt)** new regulations instantly.

Activity Two: complete sentence **B** so that it means the same as sentence **A**:
(4pts)

- A- NASA has launched a telescope.
 - **B- A telescope has been launched by NASA. (1pt)**

A- Al khawarizmi had developed many theories.

➤ **B- Many theories had been developed by Al Khawarizmi. (1pt)**

A- After each lab experiment, students should clean test tubes.

➤ **B- Test tubes should be cleaned by students after each lab experiment. (1pt)**

A- Juliana burned her finger when she used the hot plate.

➤ **B- The finger was burned by Juliana when she used the hot plate. (1pt)**

Activity Three: decide what the modal verbs indicate in the sentences below:
(4 pts)

a- One **should** not speak in the laboratory unless it is necessary.

❖ **Advice (1pt)**

b- You **must** not enter the laboratory without your teacher's permission.

❖ **Prohibition / Warning (1pt)**

c- Girls **must** put their hair up when doing experimentation.

❖ **Obligation (1pt)**

d- I **can** find the solution of different formulas in no more than 5 minutes.

❖ **Ability (1pt)**

Activity Four: Fill in the gaps with the appropriate word from the following list: **calculation , numbers, science, Trigonometry, Algebra, the truth.**
(3pts)

❖ Mathematics is the **science (0.5 pt)** that studies topics such as **numbers (0.5 pt)** , and shapes. Branches of mathematics include **Trigonometry (0.5 pt)**, geometry, and **Algebra (0.5pt)**. It developed from counting, **calculation (0.5 pt)**, and measurement. Mathematicians resolve **the truth (0.5 pt)** or falsity of conjectures by mathematical proof.