najah213.com · نجاح 213

الجمهورية الجزائرية الديمقراطية االشعبية

وزارة التربية الوطنية — متوسطة المهدي محمد – الحساينية 2 – بوعينان

المستوى: الثالثة متوسط 3 — دورة: مارس 2024

اختبار مادة: اللغة الإنجليزية — **SECOND TERM EXAM** — المدة: ساعة ونصف

Text:

"Leonardo Fibonacci: Bridging Cultures Through Mathematics"



Leonardo Fibonacci, also known as Leonardo of Pisa, was an Italian mathematician born around 1170 in Pisa. His father, Guglielmo, was a wealthy merchant who directed a trading post in North Africa.

During his boyhood, Fibonacci's family lived in the North African port of Bugia (now Bejaïa, Algeria), where he was receiving his early education. He studied mathematics with an Arab master and later embarked on extensive travels to places like Egypt, Syria, Greece, Sicily, and Provence.

Leonardo's most significant work, which is "Liber abaci (1202)" .in this publication, he introduced the Hindu-Arabic numeral system to Europe, revolutionizing mathematics. Fibonacci is also famous for the Fibonacci sequence, a series of numbers where each term is formed by adding the two preceding terms. His contributions laid the foundation for modern mathematics and education . Unfortunately, the exact date and place of his death remain uncertain, but his legacy endures through his remarkable achievements.

Adapted from: https://www.britannica.com/biography/Fibonacci

Part One: (14pts.)

A/ Reading Comprehension: (7pts.)

Read the text carefully and do the following activities.

Activity One: Read and complete the table with information from the text. (3pts.)

Full Name	Date of Birth	Place of Birth	Early Education Place	Specialty	Works

Activity Two: What do the underlined words in the text refer to? (2pts.)

Where ⟶ ……

Which ⟶ ……

Activity Three: Lexis. (2pts.)

a/Find in the text words that are closest in meaning to the following. (01pts.)

1- childohood = …… 2- well-known = ……

b/ Find in the text words that are opposite in meaning to the following. (01pts.)

1- died ≠ …… 2- old ≠ ……

www.dzexams.com

فروض واختبارات مع الحلول لكل المستويات — مجاناً

najah213.com

najah213.com · نجاح 213

B/ Mastery of Language: (7pts.)

Activity One: Reorder the words to get coherent sentences. (3pts.)

1- was/ Japan / Dr Haba /. / in / living ➔ .....

2- discovered/. /the alternating current/Nikola Tesla ➔ .....

3- she/Where/?/born/was ➔ .....

Activity Two: Rewrite the following passage using the suitable tense. (2pts.)

Activity Three: Write the following words in the right box according to their final "ed" sound. (2pts.)

lived - studied - started - published

/ t /	/ d /	/ id /

C/ Situation of Integration: (6pts.)

Context: Our world is full of prodigies who wrote the history of science with golden water.

Task: write a biography about a famous scientist or use the suggested one below.

Support:

Full Name	Date of and Place of Birth	Job / Occupation	Works	Date and Place of Death
Muhammad ibn Musa al-Khwārizmī	780 in Khwārizm Now Uzbekistan	mathematician, astronomer, and geographer	**1-** "Kitāb al-mukhtaṣar fī ḥisāb al-jabr waʾl-muqābala" **2-**"Kitāb ṣūrat al-arḍ"	**850** in Baghdad, Iraq

www.dzexams.com

فروض واختبارات مع الحلول لكل المستويات — مجاناً

najah213.com