

EASTERN UNIVERSITY OF SRI LANKA

FACULTY OF SCIENCE

FIRST YEAR, YEAR END EXAMINATION IN SCIENCE - 2007/2008
(PROPER / REPEAT)
[JUNE - JULY - 2009]



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EXAMINATION OF PROFICIENCY TEST IN ENGLISH LEVEL - I

Index No.:

Time: 03 Hours

Answer all questions on this paper itself.

For Examiner's use only

Question Number	Maximum Marks	Marks Obtained
I	10
II	15
III	15
IV	20
V	20
VI	20
Total	<u>100</u>

Examiner's Name :

Examiner's Signature :

Date :

Question: IV

Change the following active sentences into passive. Do not change the tense of the sentences.

01. They teach the subjects in English.

02. The VC / EUSL delivered a speech at the function.

03. He will present a new topic at the seminar next week.

04. The subject lecturer will not conduct lectures for two days.

05. My friend did a research on roofing materials for his final year project.

06. An Indian received the Nobel Prize for Medicine along with two Americans.

07. The undergraduates focus on English more to get a better status in the society.

05. Needles are simple looking tools, but they are very relatively difficult to make.
A B C D

[.....]

06. Ducks are less susceptible to infection than another types of poultry.
A B C D

[.....]

07. The silk thread that spiders spin is much finer than the silk that it comes from
A B C D
silkworms.

[.....]

08. The hard, out surface of the tooth is called enamel. [.....]
A B C D

09. Science students must learning both the theory and the practice of a process.
A B C D

[.....]

10. When babies are around fifteen months old, they can pick up objects and put
A B C
themselves into small containers.
D

[.....]

[20 marks]



Question: VI

Read the passage and give full answers wherever applicable.

Astronomers have finally found a place outside our solar system where there's a firm place to stand, if only it weren't so boiling hot. As scientists search the skies for life elsewhere, they have found more than 300 planets outside our solar system. But they all have been gas balls or can't be proven to be solid. Now a team of European astronomers has confirmed the first rocky extra-solar planet. Scientists have long figured that if life begins on a planet, it needs a solid surface to rest on, so finding one elsewhere is a big deal.

"We basically live on a rock ourselves," said co-discoverer Artie Hatzes, Director of the Thuringer Observatory in Germany. "It's as close to something like the Earth that we've found so far. It's just a little too close to its Sun." So close that its surface temperature is more than 3,600 degrees Fahrenheit, too toasty to sustain life. It circles its star in just 20 hours, zipping around at 466,000 mph. By comparison, Mercury, the planet nearest our Sun, completes its solar orbit in 88 days. "It's hot, they're calling it the lava planet," Hatzes said. This is a major discovery in the field of trying to find life elsewhere in the Universe, said outside expert Alan Boss of the Carnegie Institution. It was the buzz of a conference on finding an Earthlike planet outside our solar system, held in Barcelona, Spain, where the discovery was presented on Wednesday, September 16th morning.

The finding is also being published in the journal Astronomy and Astrophysics. The planet is called Corto-7b. It was first discovered earlier this year. European scientists then watched it dozens of times to measure its density to prove that it is rocky like Earth. It's in our general neighborhood, circling a star in the winter sky about 500 light-years away. Each light-year is about six trillion miles. Four planets in our solar system are rocky: Mercury, Venus, Earth and Mars.

[Sunday Observer October 04 2009]

01. What was the finding of the astronomer?

02. What do the scientists search for? What is their finding?

03. What does the phrase "rocky extra-solar planet" refer to? Explain.

04. Who is Artie Hatzes?

05. What is essential a life to begin on a planet?

06. According to Artie Hatzes, is it possible to sustain life on the newly found rocky planet? Why?

07. How long does the Mercury take to rotate the Sun?

08. What is Corot – 7b?

09. What do the planets; Mercury, Venus, Earth and Mars have in common?

10. Give a suitable title to the above text.

[20 marks]