



UNIVERSITY OF RUHUNA

FACULTY OF TECHNOGY

ENGLISH II - EXAMINATION (December 2017)

ENG 1212 & ENG 1222

Answer all the questions

Time: 2 hours

Index No.

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For Examiner's Use Only

Question	Maximum	Marks	First Marking	Second Marking
01	10	.....	.....	.....
02	10	.....	.....	.....
03	15	.....	.....	.....
04	20	.....	.....	.....
05	15	.....	.....	.....
06	15	.....	.....	.....
07	15	.....	.....	.....
Total	100	.....	.....	.....

Signature of First Examiner: Date:

Signature of Second Examiner: Date:



Question 01

Read this article about Wanda and Roy and form questions to elicit the answers given below. The first one has been done for you.

The Tale of Two Waves

Wanda and Roy live in Toronto and they have three children. Last summer, with their children, they went on holiday to Florida.

Every day, they went swimming. One morning, they were at the beach near the hotel, swimming in the sea, when a huge wave knocked Wanda's expensive Italian sunglasses into the water. Wanda was very upset because Roy had given her sunglasses for her birthday. However, he bought a new cheap pair of sunglasses for her in the afternoon.

The next day, they were sunbathing on the same beach and Wanda was wearing the new cheap pair of sunglasses, when suddenly there was another huge wave, which totally covered Wanda. She was furious, but then she looked down and to her amazement, she saw the expensive sunglasses that she had lost the day before.

- 1. Where do Wanda and Roy live?
Toronto.
- 2.?
Three children.
- 3.?
Florida.
- 4.?
Because Roy had given her sunglasses for her birthday.
- 5.?
A new cheap pair of sunglasses.
- 6.?
The expensive sunglasses that she had lost the day before.

(10 marks)

Question 02

Write the correct form of the word given in brackets that fits the spaces of the following text. There is an example at the beginning (0).

The Future of Tall Buildings

Architects responsible for the (0) construction (construct) of many skyscrapers believe that a tall building must always have a certain minimum (1) (wide) but there is no limit to its absolute (2) (high). This means that the skyscrapers in the future are likely to be even taller.

Engineers agree with this, but there is (3) (agree) over the best shape for very tall, slim buildings. The effect of wind (4) (press) mean that cylindrical designs have enjoyed some (5) (popular) in recent years, and these are quite pleasing to the eye. (6) (fortunate), however, the ideal shape is an ugly square with heavily rounded corners.

Would these tall buildings of the future offer more than a (7) (wonder) view? Some believe tall towers could contain all the (8) (require) for modern living. The (9) (inhabit) of these vertical villages would travel up and down between their home and work zones and would (10) (rare) need to journey to ground level. (10 marks)

Question 03

Read the text given below and write the answer (a, b, c or d) which best fits each gap. There is an example at the beginning (1).

Researchers Find Einstein's Space Waves

Scientists in the USA have seen something (1) b in space for the very first time. They saw gravitational waves. These are waves that (2) in space and travel outwards. The waves are similar to how (3) in water move outwards after you throw a stone in a lake. The gravitational waves in space start when two giant space (4) hit each other. Albert Einstein first spoke about waves in space in 1916 when he made his General Theory of Relativity. One hundred years later, the researchers have (5) that Einstein's theory was right. The researchers used powerful technology to see the gravitational waves. Einstein (6) not have this technology. He used his genius (7) predict that the waves existed.

Write the correct form of the word given in brackets in the spaces of the following

Scientists say the discovery of the gravitational waves is one of the (8) important discoveries (9) Dr Lawrence Krauss, from Arizona State University, said the discovery was as great (10) the invention of the telescope. He said it would let scientists (11) many new things in space. It would also (12) many questions about our universe. Dr Krauss said: "It has (13) a new window on the universe, just like the telescope." He added that: "Using gravitational waves to explore the universe will allow us (14) things we could have never seen before. It will also give us an opportunity to (15) objects in the universe we've never seen before." He said it was beautiful that the discovery happened 100 years after Einstein's (16)

1. (a) amazes (b) **amazing** (c) amazed (d) amazement
2. (a) firm (b) frame (c) form (d) farm
3. (a) containers (b) cushions (c) ripples (d) pollen
4. (a) rejects (b) subjects (c) injects (d) objects
5. (a) proved (b) show (c) decision (d) amazed
6. (a) did (b) had (c) was (d) had been
7. (a) for (b) to (c) by (d) at
8. (a) more (b) most (c) least (d) less
9. (a) never (b) every (c) even (d) ever
10. (a) was (b) as (c) is (d) has
11. (a) see (b) seeing (c) saw (d) to see
12. (a) to answer (b) answering (c) answers (d) answer
13. (a) opened (b) opening (c) open (d) opens
14. (a) to see (b) see (c) seeing (d) seen
15. (a) explored (b) exploration (c) exploring (d) explore
16. (a) predicts (b) prediction (c) predicted (d) predictive

(15 marks)

Question 04

Fill in the blanks of the following interview with the correct tense or verb form of the verbs given within brackets. You may use Passive voice as well.

Example: I started (start) teaching five years ago. I really like teaching (teach) children.

An interview with Sarah Jenkins

Sarah Jenkins is a teacher of mathematics. She (1) (work) in an institute of technology in London. She (2) (teach) mathematics since she (3) (leave) university five years ago. I asked her first if she enjoyed teaching mathematics.

'Yes, I do,' she replied. 'It's hard work, but it's very rewarding'.

'(4) you ever (work) abroad?'

'Yes,' replied Sarah, 'I (5) (spend) two years in Madrid. But the school closed and I (6) (make) redundant. Luckily, some of my students asked me if I would continue to teach them privately, so I (7) (stay) in Madrid.'

'And how long (8) you (teach) in London?' I asked.

'Since I (9) (come) back from Madrid, three years ago'

I then asked Sarah what the most memorable moment of her career was.

'Well, a funny thing (10) (happen) while I (11) (work) at the school in Madrid. I had a student called Gloria. On some days she was the best student in the class. But on other days she performed really badly. I tried very hard (12) (help) her, but things got worse. Then, one day, I met Gloria on the street and asked her about her boyfriend. (The day before she (13) (tell) me a sad story about him.) She looked surprised and told me that her name (14) (be) Victoria, not Gloria. She continued, 'My twin sister and I have been taking turns in your classes since September – two for the price of one!'. After that it was much easier to teach them. At the beginning of each class I simply asked, Are you Gloria or Victoria today?'

Finally, I asked Sarah about her plans for the future.

'Well, I'm very interested in teaching young children, so next September I (15) (do) a special training course.'

'And are you going to stay in London, or would you like to work abroad again?'

'I (16) (promote) recently. I'm now Director of Studies. So I (17) (think) I (18) (stay) here for a few more years. Of course, if someone (19) (offer) me a well-paid job in Italy or Greece, I (20) (take) it, but that's not very likely!'

(20 marks)

Question 05

Given below is a text about some important questions in life. Read it and do the tasks set on it.

1) Write the letter of the sentences (a-f) that fits the gaps in the text (1-5). There is one extra sentence that you do not need to use.

- a. moving at over a thousand miles per hour at the equator
- b. and it is environmentally friendly
- c. range in size from that of a pinhead
- d. the water droplets fall to the earth as rain
- e. teach us things about ourselves that we are unaware of
- f. known as the jet stream

(5 marks)

Why do we dream?

Two different schools of thought exist as to why we dream: the physiological school, and the psychological school. Both, however, agree that we dream during the REM, or rapid eye movement, phase of sleep. During this phase of sleep, our closed eyes dart rapidly about and our brain activity peaks.

The physiological theory centres upon how our brains function during the REM phase. Those who believe this theory say that we dream to exercise the brain cells. When awake, our brains constantly transmit and receive messages and keep our bodies in perpetual motion. Dreams replace this function.

Psychological theorists of dream focus upon our thoughts and emotions, and say that dreams deal with immediate concerns in our lives, such as unfinished business from the day. Dreams can, in fact, (1) Connections between dreams and the human psyche have been made for thousands of years. The Greek philosopher Aristotle wrote in his *Parva Naturalia*, over 2,200 years ago, of a connection between dreams and emotional needs. Sweet dreams!

What are falling stars?

Contrary to popular belief, 'falling [or shooting] stars' are not stars at all, but meteors, solid bodies that travel through space. Meteors (2) to huge objects weighing many tons which are visible to the naked eye at night. Most meteors, except the really huge ones, burn up when they enter the Earth's atmosphere. If they do land successfully, they are renamed meteorites.

Usually meteors travel together in swarms like bees. Nature's spectacular fireworks show, a 'meteor shower,' comes into view when these swarms hit the Earth's atmosphere and then fall towards the Earth in a brilliant display of light. One must be quite patient to witness the most spectacular meteor storms, as these cross the Earth's path only once every 33 years.

What would happen if the gravity on Earth was suddenly turned off?

Suppose we could magically turn off gravity. Would buildings and other structures float away? What happened would depend on how strongly the things were attached to the Earth. The Earth is rotating at quite a speed, (3) If you spin something around your head on a string it goes around in a circle until you let go of the string. Then it flies off in a straight line. 'Switching off' gravity would be like letting go of the string. Things not attached to the Earth would fly off in a straight line. People in buildings would suddenly shoot upwards at a great speed until they hit the ceiling. Most things outside would fly off into space. Some things, like trees and many buildings, which are rooted into the Earth, would not find it so easy to fly off.

Why do aero planes take longer to fly west than east?

It can take five hours to go west-east from New York to London but seven hours to travel east-west from London to New York. The reason for the difference is an atmospheric phenomenon (4) The jet stream is a very high altitude wind which always blows from the west to the east across the Atlantic. The planes moving at a constant air speed thus go faster in the west-east direction when they are moving with the wind than in the opposite direction.

What would happen if there was no dust?

Most of us who have ever cleaned a house would be much happier if there was less dust. However, without dust there would be less rainfall and sunsets would be less beautiful. Rain is formed when water molecules in the air collect around particles of dust. When the collected water becomes heavy enough (5) Thus water vapour would be much less likely to turn to rain without the dust particles.

The water vapour and dust particles also reflect the rays of the sun. At sunrise and sunset, when the sun is below the horizon, the dust and water vapour molecules reflect the longer, red rays of light in such a way that we can see them for more time. The more dust particles in the air, the more colourful the sunrise or sunset.

2.) Write answers to the following questions. (10 marks)

I. What kind of things do dreams deal with?

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II. What is the difference between a meteor and a meteorite?

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III. What would happen to buildings and the people inside them if gravity was turned off?

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IV. How does the jet stream affect how fast planes fly?

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V. What would happen to rain and sunsets if there was no dust?

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Question 06

You have been studying at the University of Ruhuna for the last year. A pen friend of yours studying at the Massachusetts Institute of Technology, USA, would like to know about your life at the Faculty of Technology and the University. Given below is an extract from his letter. Read it and answer your friend's questions. You may add any relevant ideas of your own.

Write a letter in about 150 words. Do not write any addresses. **(15 marks)**

Dear Ravi,

I'm very happy to hear that you are enjoying your time at the new Faculty. Tell me a bit more about your life at the University. University life is a world of fun. Do you agree with me? How do you enjoy your life while carrying out studies? I don't think you can forget entertainment, sports and friends...Hope you have a lot to say. If you wish to know about my life at the Massachusetts Institute of Technology, let me know please.

I'd like to hear from you.

Tom

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You have been studying at the University of Ruhuna for the last year. A pen friend of yours

is living in the Netherlands. He is studying for a degree in Information Technology. He

would like to know about your university and about your life at the moment. He is

writing to you and asks you to write him a letter. You have decided to write him about

your university and about your life at the moment. You have decided to write him about

Write a letter in about 150 words. Do not write any addresses. (15 marks)

Lined writing area for the letter response.

Handwriting practice lines consisting of 28 horizontal dotted lines.