



UNIVERSITY OF RUHUNA
FACULTY OF FISHERIES AND MARINE SCIENCES &
TECHNOLOGY

Academic Year 2023/2024

Bachelor of Science Honours in Fisheries and Marine Sciences Degree
Bachelor of Science Honours in Marine and Freshwater Sciences Degree

Level I Semester I Examination - October/November 2024

FDN 1111

Preliminary English-I

Time: 3 hours

Index No:

Answer all the questions on this paper itself.

For Examiners' Use Only					
Question No:		Maximum Marks	Marks obtained	1 st Examiner	2 nd Examiner
Part –A	1	05			
Part –B	1	05			
	2	15			
	3	10			
Part –C	1	15			
	2	10			
	3	10			
Part –D	1	10			
	2	20			
Total		100			

Signature of the first examiner Date

Signature of the second examiner Date

Part – A (Written Oral)

Question – 01

Read the conversation below. Fill in the blanks with the correct expressions by writing the most appropriate number (1-5) in the brackets. There is one extra expression.

Expressions	
(a) the post office is nearby.	(.....)
(b) I'd like to go to the museum, but I can't find it. Is it far?	(.....)
(c) Maybe I should call a taxi.	(.....)
(d) Thank you. That's very kind of you.	(.....)
(e) Great. Thanks again for your help	(.....)
(f) Right. Go straight. Take the second left and enter Marine Drive.	(.....)

This conversation is between a stranger center and you.

Stranger: Excuse me! I am looking for the museum, I think I am lost.

You : Certainly, you are lost where would you like to go?

Stranger: (1).....

You : No, not really. It's about a five-minute walk.

Stranger: (2)

You : No, It's very easy. Really. I can give you directions.

Stranger : (3)

You : Not at all. Now, go along this street up to the traffic lights. Do you see them?

Stranger: Yes, I can see them.

You : Turn left at the traffic lights, it is the Rockland Avenue.

Stranger: Rockland Avenue.

You : (4).....

Stranger: Right,. Just follow Marine Drive and the museum is at the end of the road

You : No, it's the second left.

Stranger: Ah, right
You : Yes. Thank you.

Stranger: (5).....
You : Not at all.

Part – B (Grammar)
Question – 01

Fill in the blanks with the correct expressions.

1. Tanya is very kind and helpful. She always helps me when I am in trouble.
2. In my first year, I stayed in a hostel. It was very nice and comfortable.
3. If it rains tomorrow, I will stay at home.
4. The film was very interesting. I watched it twice.
5. Malathi is a very good student. She always gets high marks.
6. Mother is very kind and helpful. She always helps me when I am in trouble.
7. Tom is a very good student. He always gets high marks.
8. I am very happy to see you.
9. A: "I am very busy today." B: "Can you wait until tomorrow?"
10. When I was a child, I used to play with my friends in the park.
11. We went to the beach for a day trip.
12. "Can you help me with my homework?"
13. Sri is a very good student. He always gets high marks.
14. She is a very good student. She always gets high marks.
15. When I was a child, I used to play with my friends in the park.

Stranger: Ah, right. The second street on my left.

You : Yes. The Museum is over there

Stranger: (5).....

You : Not at all.

Marks Allotted	1 st Examiner	2 nd Examiner
05		

Part – B (Grammar)

Question – 01

Fill in the blanks with the correct verb forms.

1. Tanya is French, but she.....(speak) Sinhala and Tamil very well.
2. In my first semester, I(have) trouble finding a place to stay. After two weeks, I got the hostel facilities.
3. If it rains heavily tonight, there.....(be) no public transport tomorrow.
4. The FIFA final was held last night, and millions of people.....
(watch) it on television.
5. Malathi.....(sleep) when her mother called her.
6. Mother phoned me while I(prepare) dinner in the kitchen.
7. Tomorrow at this time, I (sit) the final examination.
8. I am worried, I.....(wait) for a bus since this morning.
9. A: "It is hot inside the room."
B: "Oh! I..... (turn) on the AC."
10. Where's Mohan? He is not here, he.....(go) home.
11. We.....(watch) this movie several times.
12. "Chandaka is here now. He..... (be) to the city centre."
13. Sri Lankan team(lose) the match against India yesterday.
14. She.....(start) learning Chinese two years ago.
15. When we reached home last night, somebody.....(break) the front door.

Marks Allotted	1 st Examiner	2 nd Examiner
15		

Question – 02

Underline the most suitable form of the pronoun from the options given within brackets.

1. "Who repaired your bike" "I repaired it" (me / mine / myself / each other).
2. (I/ He/ They/ You) is Sri Lankan by birth.
3. "Let's paint the house(yourself/ ourselves / themselves / yourselves)"
4. Kamala looked at Nadaraj. Nadaraja looked at Kamala. They looked at (each other / themselves / yourselves / them)
5. I went to the cinema with a friend of (I/me/mine/my).
6. Kavindu and Matheesha are cricketers. (We/They/ You/ I) are all-rounders.
7. Nimal and I are teachers now. (I/ They/ We/ You) studied together in the same school.
8. Hotel Marriott is a famous hotel known for (his/ its/ hers/ their) excellent service.
9. People said that (he / she / they / it) were wrong to vote the old politicians.
10. The teacher asked the students, "Are (they / we / you / he) ready to start the lesson?"

Marks Allotted	1 st Examiner	2 nd Examiner
10		

Question – 03

Complete the blanks with the following words.

[to / in / between / through / from]

As we approach the 21st century, it is becoming increasingly evident that the ocean plays a highly complex and critical role (1) defining our global environment. For example, one of the most controversial issues is the complicated interplay(2) the ocean and climate change, as well as our own undeniable signature on such cycles. Exactly how the ocean influences short- and long-term climate change(3) exchange of heat, water are topics that are being addressed in such large-scale oceanographic programs as WOCE (World Ocean Circulation Experiments) and JGOFS (Joint Global Ocean Flux Study). These studies benefit(4) the tremendous advances in our understanding of the

environmental behavior of trace elements and radionuclides in seawater that have occurred just in the last 10(5) 20 years.

Marks Allotted	1 st Examiner	2 nd Examiner
05		

Part – C (Reading)

Question – 01

Read the following text and answer the questions given below.

A

Our ocean, coasts, and estuaries are home to diverse living things. These organisms take many forms, from the tiniest single-celled plankton to the largest animal on Earth, the blue whale. Understanding the life cycles, habits, habitats, and inter-relationships of marine life contributes to our understanding of the planet as a whole. Human influences and reliance on these species, as well as changing environmental conditions, will determine the future health of these marine inhabitants. Toxic spills, oxygen-depleted dead zones, marine debris, increasing ocean temperatures, overfishing, and shoreline development are daily threats to marine life. Part of NOAA's (National Oceanic and Atmospheric Administration) mission is to help protect these organisms and their habitats.

Food webs describe who eats whom in an ecological community. Made of interconnected food chains, food webs help us understand how changes to ecosystems — say, removing a top predator or adding nutrients — affect many different species, both directly and indirectly.

B

Phytoplankton and algae form the bases of aquatic food webs. They are eaten by primary consumers like zooplankton, small fish, and crustaceans. Primary consumers are in turn eaten by fish, small sharks, corals, and baleen whales. Top ocean predators include large sharks, billfish, dolphins, toothed whales, and large seals. Humans consume aquatic life from every section of this food web.

C

Coral reefs are some of the most diverse ecosystems in the world. Coral polyps, the animals primarily responsible for building reefs, can take many forms: large reef building colonies, graceful flowing fans, and even small, solitary organisms. Thousands of species of corals have been discovered; some live in warm, shallow, tropical seas and others in the cold, dark depths of the ocean.

D

Seafood plays an essential role in feeding the world's growing population. Healthy fish populations lead to healthy oceans and it's our responsibility to be a part of the solution. The resilience of our marine ecosystems and coastal communities depend on sustainable fisheries.

E

Estuaries are areas of water and shoreline where rivers meet the ocean or another large body of water, such as one of the Great Lakes. Organisms that live in estuaries must be adapted to these dynamic environments, where there are variations in water chemistry including salinity, as well as physical changes like the rise and fall of tides. Despite these challenges, estuaries are also very productive ecosystems. They receive nutrients from both bodies of water and can support a variety of life. Because of their access to food, water, and shipping routes, people often live near estuaries and can impact the health of the ecosystem.

F

Marine mammals are found in marine ecosystems around the globe. They are a diverse group of mammals with unique physical adaptations that allow them to thrive in the marine environment with extreme temperatures, depths, pressure, and darkness. Marine mammals are classified into four different taxonomic groups: cetaceans (whales, dolphins, and porpoises), pinnipeds (seals, sea lions, and walruses), sirenians (manatees and dugongs), and marine fissipeds (polar bears and sea otters).

a) Choose

1. Coral
2. Aquatic
3. Life
4. Marine
5. Fish
6. Marine

b) The s
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5. Th

a) Choose the correct heading for the paragraphs given above. One has been done.

1. Coral reef ecosystems (.....)
2. Aquatic food webs (.....)
3. Life in an estuary (.....)
4. Marine mammals (.....)
5. Fisheries and seafood (.....)
6. Marine Life (...A..)



(10 marks)

b) The sentences given below refer to the text given above, if they are true, write 'T', if they are false write 'F' in the brackets given alongside.

1. The future well-being of the marine life is decided by human intervention. [.....]
2. The bases of aquatic food are not made up of phytoplankton and algae. [.....]
3. The most diverse ecosystems are found in coral reefs. [.....]
4. We are expected to protect the health of fish population and a healthy ocean. [.....]
5. The living beings in estuaries cannot resist the variations in water there. [.....]

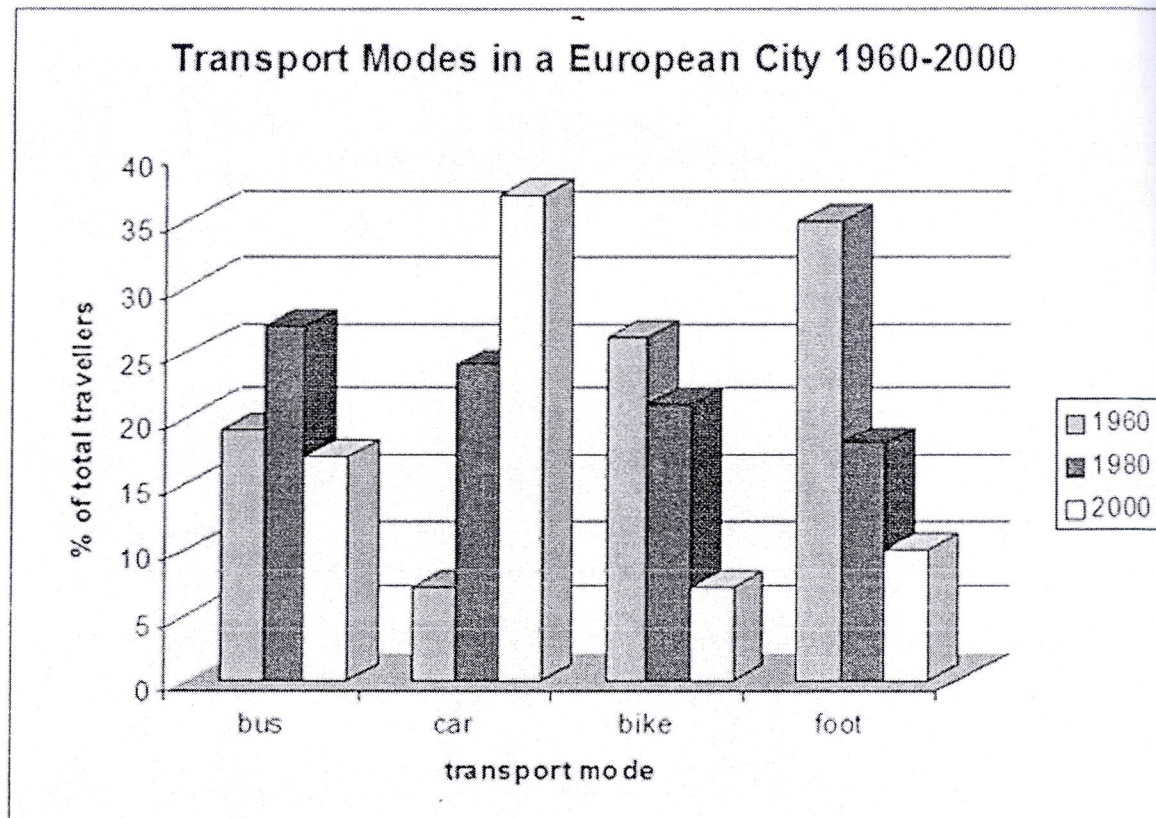
(10 marks)

Marks Allotted	1 st Examiner	2 nd Examiner
20		

Question – 02

Complete the blanks in the text given below with the words given within brackets.

[steadily / proportions / approximately / respectively / popular.]



The bar chart illustrates the data about the (1).....of the travelers who used the different types of the vehicles to commute to work in a European country during the period from 1960 to 2000.

In 1960, (2).....35% of people to commute to work on foot, compared to only 5% people who travelled by car. The percentage of people who used buses and bikes were 18%and 25% (3)..... However, travelling by bus was far the most (4).....mode of transport, i.e. 25% all travelers. The figure for bike was 22%.

Overall, the per
proportion of pe

Question – 03

Fill in the bla
complete the

- (a). generate
- (b) of thick s
- (c) Mega sli
- (d) exists ab
- (e) the basis

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Overall, the percentage of commuters rose (5)..... over the period while the proportion of people who travelled by other means of transport dropped.

Marks Allotted	1 st Examiner	2 nd Examiner
05		

Question – 03

Fill in the blanks by writing the most appropriate number (1-5) next to the phrases to complete the text.

(a). generate weakened sediment layers.	()
(b) of thick sedimentary deposits over under-consolidated sediments	()
(c) Mega slides seem to occur at a frequency of	()
(d) exists about their trigger mechanisms	()
(e) the basis of seabed bathymetry, sub-seabed paleomorphology	()

Most submarine landslides occur unobserved on the seabed along continental margins. We, therefore, deduct the processes involved on....., (1) and sediment cores a long time after an event takes place. Only a very few submarine landslide events are directly documented. They caused submarine cable breaks or started as an underwater slope failure and retrogressively approached the coastline. Much less information....., (2) and the most widely used example for a continental slope failure is the 1929 Grand Banks earthquake. It appeared to trigger a slump that subsequently developed into a turbidity current. Another condition that is most commonly associated with submarine slides is the rapid accumulation....., (3) which by generating excess pore pressure reduces the effective stress that holds the sediment grains together. The magnitude of a combined instantaneous loading and a progressive excess pore pressure buildup appear to(4) The resulting reduction in shear strength allows sediments to move down very gentle slopes. Good examples are the well-studied areas of the Mississippi River

delta. On formerly glaciated continental margins such as the passive Norwegian margin, thick layers of siliceous ooze of Miocene age exist in the sub-seabed. Their low density provides conditions for high compressibility, and thus pore pressure builds up when subjected to rapid sediment loading during ice sheet advances of Pleistocene times. Cyclic sedimentation rates with high inputs of dense material during glacial times and low sediment input of more permeable material during interglacial times may explain the long-term instability of this margin.(5) approximately 100 ky after each of the major ice ages since the onset of continental shelf glaciations at 500 ka. It is speculated that earthquake loading is the final trigger for the initiation of the slides at the end of each glaciation.

Marks Allotted	1 st Examiner	2 nd Examiner
10		

Part – D (Writing)

Question – 01

You want to visit your friend who lives in a remote area in Sri Lanka. Write a letter to your friend asking him / her to send the following information. [word limit 120 -150].

Do not write your name or address.

Include the following points:

- a) Inquire about his / her health and other personal details
- b) Where he / she lives.
- c) Climate over there.
- d) Main occupation of the people there.
- e) Ask for the directions how you can reach there as you wish to visit him / her

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Examiner

Marks Allotted		1 st Examiner	2 nd Examiner
C	04		
L	04		
O	02		
Total	10		

Question – 02

Write a composition on the topic ‘*Why the ocean is essential*’ in about 200 -230 words.

Include at least **FOUR** of the following points:

The ocean is a key player in many processes ~

- To regulate the climate / global temperature
- To maintain global weather patterns
- To harbor an abundance of diverse ecosystems
- To manage oxygen and carbon dioxide levels
- To provide home to countless marine species
- To provide human needs, like live stocks, transportation etc

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30

35

45

Marks Allotted		1 st Examiner	2 nd Examiner
C	08		
L	08		
O	04		
Total	20		