



UNIVERSITY OF RUHUNA

Faculty of Engineering

End-Semester 4 Examination in Engineering: December 2022

Module Number: MN4202

Module Name: Maritime English - II

[Three Hours]

[Answer all questions]

Instructions

1. Questions 1 to 6 are to be answered on this paper itself.
2. Question 7 is to be answered on separate sheets of paper and attached to this paper.

Q1 (a) Fill in the blanks with suitable articles where necessary. If any blank does not need an article put, "X".

- i) Some seamen do not getopportunity to go to church for months.
- ii) After.....strenuous interrogationseaman confessed his crime and was sent to..... prison. The captain went to prison to see him but wasn't allowed visitors.
- iii) The passengers met at dining saloon and they hadlunch together.
- iv) When on holiday I like to go swimming by.....day and dancing at..... night.

[5 Marks]

(b) Underline any unnecessary determiners that appear in the following sentences.

- i) In 1492 Christopher Columbus tried to reach the India but instead he discovered the America. In 1552 the 'Victoria' was the first ship that had sailed around the world. Some Ferdinand Magellan, the leader of the expedition, was killed in a battle in the Philippines. The "Victoria" with a crew of any eighteen men returned to the Spain after a three- year voyage.
- ii) The invention of the chronometer and the sextant, together with the Cook's

scientific charts made the navigation the safer around 1770 and some James Watt invented the modern condensing steam engine in 1763.

- iii) In 1838 the British vessel the "Sirius" was the first ship to cross the Atlantic entirely under the steam and in 1845 Brunel's the "Great Britain" was the first steamship to cross the Atlantic using propellers.

[5 Marks]

Q2 Fill in the blanks with the correct form of the verb/adjective

- i) If the ship had reduced the speed, the waves
(not hit) the hull so violently.
- ii) The minister had hardly finished his speech when the earthquake
..... (shake) the building.
- iii) Everybody will be at the office at about 08:30 tomorrow as the meeting
..... (start) at nine o'clock.
- iv) I wasn't surprised to hear that Manoj (have) an
accident because he is such a reckless driver.
- v) Urbanization..... (always / be) a problem causing
several environmental issues ever since the rate of migration
(increase) after the industrial revolution.
- vi) If I(be) you, I would accept the job.
- vii) More parcels(deliver) last year because
people bought goods in e-shops.
- viii) By the time the troops..... (arrive), the war will
have ended.
- ix) Less money.....(spend) on clothes these
days by most of the people in our country.
- x) By the year 2050, linguists..... (study)
the Indy-European language family for more than 200 years.
- xi) Increasing fuel prices..... (become) a major
problem for people for the last two years, therefore, during this time many

people have preferred to sell their cars and buy smaller ones.

- xii) He(die) of Corona, if the helicopter hadn't rescued him from the sea.
- xiii) I don't feel well. I think I.....
(throw) up.
- xiv) She won't finish it on time, if she(start) right now.
- xv) I (meet) my girl -friend this evening.
- xvi) Unless you exercise regularly, you(not be) able to lose some weight.
- xvii) If Amal.....(be)here, he would kill you.
- xviii) Your email.....(answer) tomorrow.
- xix) Avatar is probably the(bad) film I have ever seen.
- xx) Who is the(powerful) person in your country?

[10 Marks]

Q3

Fill in the blanks with the suitable words given below.

Forecast	foggy	clear	sunshine	rainfall	frost
chilly	blizzard	stormy	mild		

- i) There was a very bad last night. The wind blew so heavily that our old oak tree fell down.
- ii) It was so that the airport was shut down because visibility was too low.
- iii) It can get a bitin the evening, so you should take a jacket with you.
- iv) When I woke up this morning, I saw that the ground was covered with
- v) According to the weather, a warm front with occasional showers will reach us by evening.

- vi) The skies were and there was no wind. It was absolutely perfect for a hike.
- vii) Some alpine regions do not get muchbecause they are situated between mountains.
- viii) We had a rather.....winter this year. Even January was warmer than normal.
- ix) After the last few rainy days, it was great to get some for a change.
- x) Aswept through the north-eastern part of the country with extremely low temperatures and huge amounts of snow.

[5 Marks]

Q4 Read the text and answer the given questions.

INDUSTRIAL SHIPS

Industrial ships are designed to carry out industrial processes at sea, like (a) drawing out raw materials and food resources from waters. The activities that take place aboard these ships include (b) extracting oil and mineral salts, or (c) catching and processing fish and crustaceans like crabs, shrimps and lobsters. Thus, if we consider the function the ships perform, we can clearly distinguish between the extractive and (d) processing ships. The first type includes trawlers and seiners. A trawler is the most popular vessel among (e) fishing ships. Its name comes from the name of the activity, 'trawling', which means (f) catching fish by (g) dragging a fishing net along the sea bed. The trawl can be launched either over the ship side or over the stern.

Spain and Norway have been (h) taking the lead with respect to the number, size and the variety of trawlers built. (i) Non-trawling vessels can range from simple crafts which deploy a net, to (j) fishing vessels that first lay out nets, even for a distance of a few kilometers, and then wait for the shoal of fish to swim into it. The typical representatives are seiners, tuna clippers and crab boats. A seiner makes use

of a special kind of net called a seine net in the following way: the net hangs vertically in water. Its top edge floats and its bottom is weighted and equipped with a rope. When a shoal of fish swims into the net, the rope tightens and closes around it.

Processing ships receive fish or other sea goods from extractive ships, process them into products, and bring them to ports. They must be fitted with special machines for processing, (k) **canning** and (l) **storing**.

- (a) Categorize the underlined words (present participles) under the following headings according to the function they do in the passage. Write the correct letter in the relevant column.

A part of a verb	An adjective	A gerund

[6 Marks]

- (b) Answer the questions given below. Note that any unnecessary information for the answer will reduce the scores.

i) Name the two types of Industrial ships and the function of each one

.....

ii) Name the types of non-trawling vessels mentioned in this passage

.....

.....
.....
iii) What is the main difference between catching fish by trawlers and non-trawling vessels?

.....
.....
.....
.....

iv) Describe the mechanism of a seiner

.....
.....
.....

[02 Marks]

(c) Finds words from the passage with similar meanings to the following phrases.

- i) Remove or takes out by force -
- ii) Perform a series of activities to preserve it -
- iii) Animals that live in water and have a hard outer shell and many legs -
- iv) Use something effectively -

[02 Marks]

Q5 (a) Read the text on "Cargo space" and fill in blanks with the words given in the box.

Percentage	type	liquids	meters	stowage	packages	ullage
general	different	bulk	lanes	Ro-Ro	unfilled	shape
machinery	expressed	car	length	kinds	container	meters

Broken (a)..... is the space between (b).....
not taken up by the cargo, the space which remains (c)..... for to
a variety of reasons such as the (d)..... of the hold, the
(e)..... of cargo, special (f)..... of packing, irregularly-

sized items of (g).....etc. It is expressed as (h).....which is usually greater when large cases have to be stowed in the hold.

Cargo space on board (i).....vessels is usually measured and (j)..... in TEU which stands for Twenty-Foot Equivalent Unit. Cargo space on board (k)..... ships is expressed in the length of (l)..... and is measured in (m)..... It can also be expressed as bale capacity and measured in cubic meters or cubic feet. Cargo space on board Con-Ro vessels is expressed both in TEU for the number of containers the vessel can carry and in the number of cars it can take on (n) decks so the (o)..... of lanes is also given. Cargo space can be filled with (p)..... types of cargo. It can usually be divided into space for (q).....cargo which is packed and (r)..... cargo, both liquid and dry, which is loose. Different (s).....and chemicals can evaporate from their receptacles and tanks and in such cases the unfilled space is called (t).....

[10 Marks]

Q6 Read the following passage and answer questions given below.

In the 16th century, an age of great marine and terrestrial exploration, Ferdinand Magellan led the first expedition to sail around the world. As a young Portuguese noble, he served the king of Portugal, but he became involved in the quagmire of political intrigue at court and lost the king's favor. After he was dismissed from service by the king of Portugal, he offered to serve the future Emperor Charles V of Spain.

A papal decree of 1493 had assigned all land in the New World west of 50 degrees W longitude to Spain and all the land east of (i) that line to Portugal. Magellan offered

to prove that the East Indies fell under Spanish authority. On September 20, 1519, Magellan set sail from Spain with five ships. More than a year later, one of these ships was exploring the topography of South America in search of a water route across the continent. (ii) This ship sank, but the remaining four ships searched along the southern peninsula of South America. Finally they found the passage they sought near 50 degrees S latitude. Magellan named (iii) this passage the Strait of All Saints, but today it is known as the Strait of Magellan.

One ship deserted while in this passage and returned to Spain, so fewer sailors were privileged to gaze at that first panorama of the Pacific Ocean. Those who remained crossed the meridian now known as the International Date Line in the early spring of 1521 after 98 days on the Pacific Ocean. During (iv) those long days at sea, many of Magellan's men died of starvation and disease.

Later, Magellan became involved in an insular conflict in the Philippines and was killed in a tribal battle. Only one ship and 17 sailors under the command of the Basque navigator Elcano survived to complete the westward journey to Spain and thus prove once and for all that the world is round, with no precipice at the edge.

Underline the correct answer for questions (a), (b), (c), (d), (e), (f) and (g)

- (a) The 16th century was an age of great exploration.
- i) Cosmic
 - ii) Land
 - iii) Mental
 - iv) common man
 - v) None of the above
- (b) Magellan lost the favor of the king of Portugal when he became involved in a political
- i) Entanglement
 - ii) Discussion

- iii) Negotiation
 - iv) Problem
 - v) None of the above
- (c) The Pope divided New World lands between Spain and Portugal according to their location on one side or the other of an imaginary geographical line 50 degrees west of Greenwich that extends in a direction.
- i) north and south
 - ii) crosswise
 - iii) easterly
 - iv) south east
 - v) north and west
- (d) One of Magellan's ships explored theof South America for a passage across the continent.
- i) Coastline
 - ii) mountain range
 - iii) physical features
 - iv) islands
 - v) None of the above
- (e) Four of the ships sought a passage along a southern
- i) Coast
 - ii) Inland
 - iii) body of land with water on three sides
 - iv) border
 - v) Answer not available
- (f) The passage was found near 50 degrees S of
- i) Greenwich

- ii) The equator
- iii) Spain
- iv) Portugal
- v) Madrid

(g) In the spring of 1521, the ships crossed the.....now called the International Date Line.

- i) imaginary circle passing through the poles
- ii) imaginary line parallel to the equator
- iii) area
- iv) land mass
- v) Answer not found in the article

[7 Marks]

(h) Find out the phrases the following demonstrative adjectives refer to and write the answer on the dotted line.

- i) that (2nd para)
- ii) this (2nd para)
- iii) this (2nd para).....
- iv) those (3rd para).....

[2 Marks]

(i) Find the words from the passage that match to the following phrases in meaning and write them on the dotted line.

- i) An awkward complex situation.....
- ii) The arrangement of the natural and artificial physical features of an area.....
- iii) A special right or advantage available only to a particular group
.....
- iv) Look steadily and intently
- v) Unbroken view of the whole region
- vi) A very steep rock face or cliff

Q7

Write an essay on any one of the topics given below using not more than 250 words. Your essay will be marked on organization, content and the structure.

- i) The problem of ocean pollution in Modern world
 - causes
 - effects
 - prevention

- ii) Global warming and its consequences
 - Causes
 - Effects
 - Prevention

- iii) Why I want to become a seaman
 - reasons to choose
 - requirements to be fulfilled
 - advantages vs. disadvantages

[10 Marks]