

**INDIAN MARITIME UNIVERSITY**  
(A Central University, Government of India)

**June 2016 End Semester Examinations**  
**B.Tech. (Marine Engineering) – 2009 batch onwards**

**Semester I**  
**COMMUNICATIVE ENGLISH & SOCIOLOGY - (UG11 T1101 / UG11T2101)**

**Date :09.06.2016**  
**Time: 3 Hrs**

**Max. Marks: 100**  
**Pass Marks: 50**

**PART - A**  
**Question I is compulsory**

I. Read the passage given below carefully and answer the questions that follow: (10 Marks)

1. One of the greatest sailing adventures of the past 25 years was the conquest of the Northwest Passage, powered by sail, human muscle, and determination. In 100 days, over three summers (1986-88), Canadians Jeff MacInnis and Mike Beedell accomplished the first wind-powered crossing of the Northwest Passage
2. In Jeff MacInnis's words...Our third season. We weave our way through the labyrinth of ice, and in the distance we hear an unmistakable sound. A mighty bowhead whale is nearby, and its rhythmic breaths fill us with awe. Finally we see it relaxed on the surface, its blowhole quivering like a volcanic cone, but it senses our presence and quickly sounds. We are very disappointed. We had only good intentions - to revel in its beautiful immensity and to feel its power. Mike thinks how foolish it would be for this mighty beast to put any faith in us. After all, we are members of the species that had almost sent the bowhead into extinction with our greed for whale oil and bone. It is estimated that as many as 38,000 bowheads were killed off eastern Baffin Island in the 1800s; today there are about 200 left
3. The fascinating and sometimes terrifying wildlife keeps us entertained during our explorations. Bearded harp and ring seals greet us daily. The profusion of bird life is awesome; at times we see and smell hundreds of thousands of thick-billed murrelets clinging to their cliffside nests. Our charts show we are on the edge of a huge shoal where the frigid ocean currents upwell and mix nutrients that provide a feast for the food chain. At times these animals scare the living daylights out of us. They have a knack of sneaking up behind us and then shooting out of the water and belly flopping for maximum noise and splash. A horrendous splash coming from behind has a heart-stopping effect in polar bear country
4. We have many encounters with the "Lords of the Arctic," but we are always cautious, observant, and ever so respectful that we are in their domain. In some regions the land is totally devoid of life, while in others the pulse of life takes our breath away. Such is the paradox of the Arctic; It's wastelands flow into oasis' that are found nowhere else on the face of the earth. Many times we find ancient signs of Inuit people who lived here, superbly attuned to the land. We feel great respect for them; this landscape is a challenge at every moment
5. We face a 35 mile open water passage across Prince Regent Inlet on Baffin Island that will take us to our ultimate goal - Pond Inlet on Baffin Bay. The breakers look huge from the water's edge. Leaning into the hulls, like bobsledders at the starting gate, we push as hard as we can down the gravel beach to the sea. We catch the water and keep pushing until we have plunged waist deep, then drag ourselves aboard. Immediately, we begin paddling with every ounce of effort. Inch by agonizing inch, Perception moves

offshore. Sweat pours off our bodies. Ahead of us, looming gray-white through the fog, we see a massive iceberg riding the current like the ghost of a battleship. There is no wind to fill our sails and steady the boat, and the chaotic motion soon brings seasickness. Slowly the wind begins to build. Prince Regent Inlet now looks ominous with wind and waves. The frigid ocean hits us square in the face and chills us to the bone

6. We were on the fine edge. Everything the Arctic had taught us over the last 90 days was now being tested. We funneled all that knowledge, skill, teamwork, and spirit into this momentous crossing... If we went over in these seas we could not get the boat back up. Suddenly the wind speed plummeted to zero as quickly as it had begun.... Now we were being pushed by the convulsing waves toward sheer 2,000 foot cliffs. Two paddles were our only power. Sailing past glacier capped mountains, we approached the end of our journey. At 05:08 on the morning of our hundredth day, speeding into Baffin Bay, the spray from our twin hulls makes rainbows in the sun as we complete the first sail powered voyage through the Northwest Passage
7. We have journeyed through these waters on their terms, moved by the wind, waves and current. The environment has always been in control of our destiny; we have only tried to respond in the best possible way. We've been awake for nearly 23 hours, but we cannot sleep. The joy and excitement are too great. Our Hobie Cat rests on the rocky beach, the wind whistling in her rigging, her bright yellow hulls radiant in the morning sunlight. She embodies the watchword for survival in the Arctic - adaptability.

Answer the following questions by choosing the most appropriate option:-

- (a). The passage is about the  
 A. author's sailing adventure through the Northwest Passage B. flora and fauna of the Arctic  
 C. survival skills needed while sailing D. saving of the Arctic
- (b). "Lords of the Arctic," (Para 4) refers to the  
 A. wind breakers B. icebergs C. polar Bears D. Innuits
- (c). The author's sailing vessel is named  
 A. Prince Regent B. Hobie Cat C. Perception D. Arctic
- (d) 'We were on the fine edge' refers to  
 A. the Prince Regent Inlet B. the ominous sail C. the frigid ocean D. their expedition

**Answer the following questions briefly:**

- (e). Why does the author feel disappointed to see the bowhead whale disappear into the ocean?
- (f). How does his sailing partner rationalize it ?
- (g). What reason does the author give for a thriving wildlife in the Arctic?
- (h). What is the paradox of the Arctic?
- (i). How did certain skills help the author and his partner survive the adventure?
- (j). What is the author's sailing vessel an embodiment of?

II. Write an essay about any one of the following:

(10 Marks)

- 1) Impact of social media
- 2) Environmental protection
- 3) Economic Growth of India

III. In a recent survey it was found that your city has the highest rate of pollution in the country. Innumerable vehicles on the road and lack of green cover have made the air unfit to breathe. Draft a poster in about 50 words, creating awareness about the need to keep your city clean and green.

OR

Your Institute is organizing a programme on the occasion of the World Maritime Day wherein a renowned Shipping personality gives a talk. Draft a notice in about 50 word's informing the students about the same. (10 Marks)

IV. You have recently purchased a laptop from an authorised dealer and the laptop experiences some problems. The dealer is not giving you a proper service. Write a letter to the equipment manufacturer regarding the poor quality of service rendered by the dealer (10 Marks)

OR

Write a report to publish in a News magazine about the Sports Meet conducted in your institute.

V. Write Short Notes on any TWO: (5 x 2=10 Marks)

- a) Importance of communication
- b) Types of communication
- c) barriers of communication

**PART -B**  
**Sociology**

VI. Answer any five questions: (2 x 5 = 10 Marks)

- (a) Compare Ethics and values
- (b) What is the significance of sociology?
- (c) What is social democracy?
- (d) What are components of state/
- (e) What are the objectives of United Nations organisation?
- (f) What do you meant by Participative management?
- (g) What are the methods adopted for fixing minimum wages as per The minimum wages act

VII. Answer any four: (5 x 4=20 Marks)

- (a) What are the reasons and impact of Industrial revolution?
- (b) Distinguish between Socialism and Capitalism?
- (c) What are the provisions in Indian Constitution to address Social welfare measures?
- (d) What are the safety measures incorporated in the Factory Act 1948?
- (e) What are the various methods of Employee training

VIII. Answer any two: (10 x 2 = 20 Marks)

- (a) Enumerate various Social Problems existing Indian society.
- (b) What are the important Labour Legislation in India?
- (c) Discuss social Stratification.

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