

University of Asia Pacific

Semester Final Examination (Spring-2013)

Department of Civil Engineering

Course Code: HSS 101

Course Title: English Language I

Time: 3 Hours

Full Marks: 50

*Marks are indicated in the right margin

* Answer all the questions on the separate answer script.

Section-A

1. Read the passage carefully and then answer the corresponding questions.

The world's oceans have warmed 50 percent faster over the last 40 years than previously thought due to climate change, Australian and US climate researchers reported Wednesday. Higher ocean temperatures expand the volume of water, contributing to a rise in sea levels that is submerging small island nations and threatening to wreak havoc in low-lying, densely-populated delta regions around the globe. The study, published in the British journal *Nature*, adds to a growing scientific chorus of warnings about the pace and consequences rising oceans. It also serves as a corrective to a massive report issued last year by the Nobel-winning UN Intergovernmental Panel on Climate Change (IPCC), according to the authors. Rising sea levels are driven by two things: the thermal expansion of sea water, and additional water from melting sources of ice. Both processes are caused by global warming. The ice sheet that sits atop Greenland, for example, contains enough water to raise world ocean levels by seven metres (23 feet), which would bury sea-level cities from Dhaka to Shanghai. Trying to figure out how much each of these factors contributes to rising sea levels is critically important to understanding climate change, and forecasting future temperature rises, scientists say. But up to now, there has been a perplexing gap between the projections of computer-based climate models, and the observations of scientists gathering data from the oceans. The new study, led by Catia Dominguez of the Centre for Australian Weather and Climate Research, is the first to reconcile the models with observed data. Using new techniques to assess ocean temperatures to a depth of 700 metres (2,300 feet) from 1961 to 2003, it shows that thermal warming contributed to a 0.53 millimetre-per-year rise in sea levels rather than the 0.32 mm rise reported by the IPCC.

1.1 Choose the best answer:

5 × 0.5 = 2.5

- a. What happens when the ocean's temperature rises?
- i. It causes sea levels to rise.
 - ii. It causes sea levels to remain constant.
 - iii. It causes sea levels to decrease.
 - iv. None of the above.
- b. The rise in water levels is especially dangerous for small island nations and:
- i. Low-lying delta regions.
 - ii. All coastal cities.
 - iii. People who live on the beach.
 - iv. People who live on landlocked region.

- c. The new study:
- i. Shows that thermal warming contributed to a 0.32 mm-per-year rise in sea levels.
 - ii. Did not reveal anything new to the scientists.
 - iii. Used new techniques to assess ocean temperatures.
 - iv. Reveals that human beings are on the verge of destruction.
- d. Ultimately, the new study should help scientists to:
- i. know about lowering water levels.
 - ii. better predict climate change.
 - iii. bury sea-level cities like Dhaka and Shanghai.
 - iv. stop the water pollution.
- e. What was the main discovery of the study?
- i. That not enough is being done about global warming.
 - ii. That ocean waters have warmed faster than scientists had previously thought.
 - iii. That the warming of the world's oceans is not a threat.
 - iv. Human civilization will come to an end under the rising sea-water.

1.2 Answer the question using no more than two sentences.

5 × 1 = 5

- a) What are the main factors responsible for the rising of sea level?
- b) Why is it important to figure out how much each of these factors contributes to rising sea levels?
- c) What is the difference found between the two studies of the rising of sea level conducted by IPCC and Catia Dominguez?
- d) What will be the impact if the ice sheet over Greenland melts?
- e) Who will be the possible victim of sea level rising?

Section B

2. Fill in any three of the blanks with appropriate parts of speech.

3 × 2 = 6

1. An ----- (ambition) person should have strong ----- (determine).
2. You know they tried to ----- (fool) the crowd first by ----- (fright) Tom as a ghost.
3. ----- (promise) to serve your country until your ----- (dead).
4. Years later he still feels ----- (shame) of his ----- (misbehave).
5. Consumer's ----- (rely) on the internet for information can sometimes be ----- -- (mislead).

3. Add either a prefix or a suffix with any five of the following words and make a sentence with each of the new words.

5 × 1 = 5

trans-, em-, fore-, re-, im-, -ate, -ian- ic, -er,- ian,- or

pending, form, post, see, guard, rhythm, detect, consider, mature, bitter, new.

4. Fill in any four of the blanks with appropriate homophones conforming to their respective IPA transcriptions. 4 × 1 = 4

- i. Please -----/ reɪz / the curtains and let in the ----- / reɪz / of sun.
- ii. The government has reclaimed some land to build _____ /præktɪs/ facility where soldiers will _____ /præktɪs/ shooting.
- iii. The _____ /weðə(r)/ condition will decide _____ /weðə(r)/ to resume the game or not.
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- vi. The team ----- / wʌn / because ----- / wʌn / of their players played really well.

5. Write two sentences with any four of the following words and their homographs. 4 × 1 = 4

Hide, lead, page, wind, poor, grave.

6. The following excerpt has some misspelled words. Trace them out and write them correctly.

10 × 0.25 = 2.5

Creative writing is most popularly understood to be writing that comes from the imagination, writing that is 'not true'. Creative writing is the very fine art of making things up, in the most attractive, apt and convincing way possible. It's the telling of lies in order to reveal illuminating and dark truths about the world and our place in it. We tend to think of Poetry, Fiction and Plays. Of course, we do know that some creative writing is partly inspired by real events or based on (auto) biographies.

Section C

(Answer any three of the following questions. Each question carries 7 marks each) 3×7= 21

7. Compare and contrast between the sun and the moon. (250 words)
8. Write a paragraph narrating any of your adventures. (250 words)
9. Write a letter to your friend describing how you celebrated your last Eid vacation. (250 words)
10. Translate the following passage into English:

আমার বাবা ভ্রমণ করতে পছন্দ করেন। দেশ-বিদেশ, জানা-অজানা, চেনা-অচেনা শহরগুলো তাই এখন আমার শখে পরিণত হয়েছে। যদিও বাবার সুবাদে কিছুটা ভ্রমণের সুযোগ পেয়েছি কিন্তু জানার আছে অনেক কিছু। যান্ত্রিক সময়ে, কাজের অবসরে কোথাও ভ্রমণ করার ইচ্ছা পোষণ করাটা কঠিন। কিন্তু আমার বাবা বলেন “তুমি তোমার সীমানা পেরিয়ে যত দূর যাবে, তোমার মনের পরিধি তত বড় হবে”। বাবার এই কথাই বাস্তবতা আমি উপলব্ধি করতে পারি। তাই তো দেখতে, জানতে, শিখতে, সব বাধা পেরিয়ে, যেতে চাই সীমানার বাইরে।

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