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Question Paper Code : 97236

B.E./B.Tech. DEGREE EXAMINATION, DECEMBER 2015/JANUARY 2016.

Second Semester

Marine Engineering

HS 6252 — TECHNICAL ENGLISH FOR MARINE ENGINEERING – II

(Regulations 2013)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Fill in the blanks with suitable tense forms. (4 × $\frac{1}{2}$ = 2)

In Boraka, the capital of Tigambia, I met with a group of Tigambians. They _____ (tell) me how for centuries the history of Africa _____ (preserve). In the older villages of the back country, there are old men called griots. who _____ (be) in effect living archives. Such men _____ (memorize) and, on special occasions, recite the cumulative histories of clans or families or villages.

2. Rewrite the following numerical expressions using them as adjectives. (4 × $\frac{1}{2}$ = 2)

- (a) a course for the duration of five weeks
- (b) a boy who is six years old
- (c) a tool box weighing five kilograms
- (d) a project for a period of two years.

3. Fill in the blanks with suitable prepositions given below. (4 × $\frac{1}{2}$ = 2)

(on, at, in, for, of,)

- (a) Our new Chairman reminds me _____ my old history teacher.
- (b) Look _____ the woman _____ the picture. Who is she?
- (c) In this company, salaries depend _____ the level of responsibility.

4. Choose the appropriate meaning for the underlined word in the given sentences. $(4 \times \frac{1}{2} = 2)$
- (a) The school team played a boisterous game in the tournament.
 (i) lively (ii) boring
 (iii) slow (iv) irritating
- (b) People rushed to the first floor to save the people from fire.
 (i) jogged (ii) blocked
 (iii) hurried (iv) walked
- (c) Vinod blurted out the truth when his father questioned him about the broken glass
 (i) denied (ii) refused
 (iii) opposed (iv) revealed
- (d) The author did an extensive field work for his new novel.
 (i) smart (ii) extended
 (iii) widespread (iv) narrow
5. Write a one sentence definition for any TWO of the following: $(2 \times 1 = 2)$
- (a) LASER
 (b) data card
 (c) Hammer
6. Make sentences by combining the causes in the column A with their effects in column B using appropriate causal expressions. $(4 \times \frac{1}{2} = 2)$
- | Column A | Column B |
|------------------------------------|---|
| A brother was studying late | The dog began to bark |
| My Dad locked the car door | They can sometimes be extremely impatient |
| Someone came to the door | We couldn't get into the car |
| Managers have a very stressful job | He was late to school |
7. Express the use / purpose for the following items using the given hints. $(4 \times \frac{1}{2} = 2)$
- (a) Spading fork: gardening tool- used to open up the grounds, dig bulbs and turn compost.
 (b) Circuit tester: to test the presence of electricity.
 (c) Micrometer: to measure distances to the nearest one-thousandth of an inch.
 (d) Tweezer: to hold small components when doing soldering and de-soldering of surface mount components.

8. Choose any ONE word from the following and frame two sentences. Use the selected word as noun in one sentence and verb in the other. (2 × 1 = 2)
- (a) claim
 - (b) block
 - (c) interest.
9. Complete the following by choosing the appropriate connective words. (4 × $\frac{1}{2}$ = 2)
- (a) It was cold _____ (so/ because) I shut the door.
 - (b) He'll have the work done _____ (when / by the time) you arrive.
 - (c) The picture _____ (whom / which) is hanging over my bed was painted by an art student.
 - (d) The neighborhood is not that good. I like the house, _____ (moreover / though).
10. Fill in the blanks with appropriate forms of the words given in brackets. (4 × $\frac{1}{2}$ = 2)
- (a) You must _____ (connect) the cables first, otherwise you'll be electrocuted.
 - (b) The management expelled him for _____ (behaving) in the office.
 - (c) Ganesh was very worried about his son as he was a very _____ (responsible) boy.
 - (d) She is a very _____ (dependent) girl and she likes to do her work on her own.

PART B — (5 × 16 = 80 marks)

11. Answer both (a) and (b) for Question No. 11
- (a) Read the following passage and answer the questions that follow it.

Philadelphia is a city known for many things. It is where the Declaration of Independence was signed in 1776, and it was also the first capital of the United States, But one fact about Philadelphia is not so well-known: it is home to nearly 3,000 murals painted on the sides of homes and buildings around the city. In fact, it is said that Philadelphia has more murals than any other city in the world, with the exception of Rome. How did this come to be?

More than 20 years ago, a New Jersey artist named Jane Golden started a program pairing troubled youth with artists to paint murals on a few buildings around the city. From this small project, something magical happened. The young people involved helped to create magnificent pieces of art, but there were other, perhaps more important benefits. The young people learned to collaborate and get along with many different kinds of

people during the various steps required to paint and design a mural. They learned to be responsible, because they needed to follow a schedule to make sure the murals were completed. They also learned to take pride in their community. It is hard for any resident to see the spectacular designs and not feel proud to be a part of Philadelphia.

Take a walk around some of the poorest neighborhoods in Philadelphia, neighborhoods full of broken windows and littered front steps, and you will find beautiful works of art on the sides and fronts of buildings. Of course the murals are not just in poor neighborhoods, but more affluent ones as well. Special buses take tourists to different parts of the city to see the various murals, which range from huge portraits of historical heroes, to cityscapes to scenes depicting the diverse ethnic groups that call Philadelphia home.

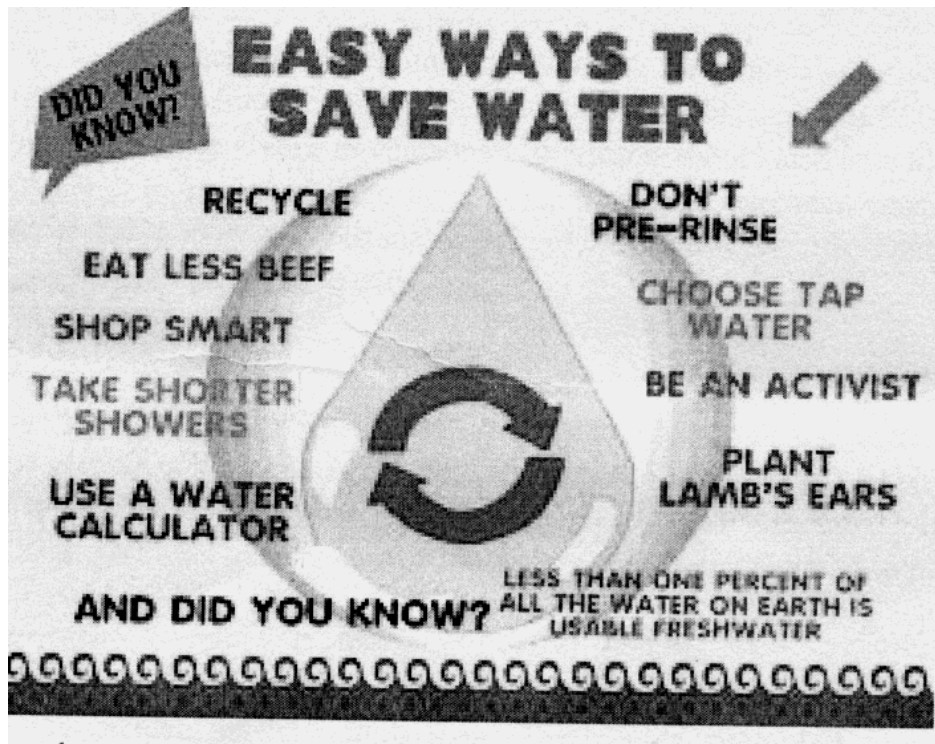
As a result of its success, the mural program created by Jane Golden has now become the nation's largest public art program and a model for other cities throughout the country seeking to help troubled youth.

Choose the right answer for the following questions. (8 × 1 = 8)

- (i) The main focus of the passage is
- (1) an art program designed to help troubled youth
 - (2) the many tourists who come to Philadelphia to see murals
 - (3) the reasons why Philadelphia is a unique city
 - (4) how Jane Golden came up with the idea to start a mural program
- (ii) As used in paragraph 1, the phrase "it is said" suggests that the author is
- (1) knowingly misleading the reader
 - (2) using a quote from someone else
 - (3) referring to something that is widely believed, but may be untrue
 - (4) referring to something that he or she does not personally believe
- (iii) As used in paragraph 1, the phrase "with the exception of Rome" means that
- (1) Rome has fewer murals than Philadelphia
 - (2) Philadelphia has fewer murals than Rome
 - (3) Rome has the most beautiful murals of all
 - (4) Rome and Philadelphia are the only cities with murals

- (iv) According to the passage, the murals in Philadelphia
- I. draw tourists who want to see them
 - II. instill responsibility and pride in the people who paint them
 - III. are solely designed by the youth who paint them
- (1) I only
 - (2) I and II only
 - (3) II and III only
 - (4) I, II, and III
- (v) As used in paragraph 3, which is the best definition of affluent?
- (1) popular
 - (2) clean
 - (3) well-known
 - (4) wealthy
- (vi) Based on the information in the passage, the author most likely believes that
- (1) there are too many murals in Philadelphia
 - (2) the mural program was an inspirational idea
 - (3) all troubled youth should learn how to paint
 - (4) every city in the country should adopt the mural program
- (vii) Based on information in the passage, it can be inferred that the author believes the two best reasons for other cities to adopt the mural program are to
- (1) beautify their city and draw tourists
 - (2) help troubled youth and beautify their city
 - (3) have as many murals as Philadelphia and help troubled youth
 - (4) draw tourists and surpass Philadelphia in terms of number of murals
- (viii) In order to make this passage more engaging to readers, the author could have included
- I. a brief history of Philadelphia
 - II. pictures of some of the murals
 - III. an interview with a program muralist
- (1) I only
 - (2) I and II only
 - (3) II and III only
 - (4) I, II, and III

(b) Look at the poster below and answer the questions:



- (i) What type of advertisement is this? (1)
- (1) Ad for water games
 - (2) political poster
 - (3) Government announcement
 - (4) water conservation poster
- (ii) What is water calculator used for? (1)
- (1) to calculate the water consumed
 - (2) to calculate the water bought
 - (3) to measure the water used for shower
 - (4) to calculate stagnant water
- (iii) The poster (1)
- (1) teaches on how to conserve environment
 - (2) advices children on using fresh water
 - (3) suggests people on how to save water
 - (4) advises people on how to use water

- (iv) Who is the 'you' referred in this advertisement? (1)
- (1) Children
 - (2) Educated men
 - (3) Village people
 - (4) People
- (v) What is the word 'activist' mean in this context? (1)
- (1) one who acts
 - (2) one who advocates for a cause
 - (3) one who is active in society
 - (4) one who fights for a country
- (vi) Write a set of three recommendations to save water in your home. (3)
12. (a) Write a set of eight instructions to be followed by people to prevent spreading of any infectious disease like H1N1 flu. (16)
- Or
- (b) You are the president of students entrepreneurship club. You have been asked to take your club members to a Chemical factory for a visit. Prepare a set of eight checklist to see whether students are following the safety instructions. (16)
13. (a) IntelCorp is a Multinational company that is looking for Junior Executive engineers to its new branches opening in Southern India, The candidates should possess B.E./B. Tech degree in any discipline. Only fresh graduates can apply. Applicants should also be willing to be posted anywhere in South India and undergo training for 6 months. Interested candidates may send their letter of application and résumé to Recruitment Manager. HR Division, IntelCorp, Gandhi Nagar, Adyar, Chennai 600 020. Prepare an appropriate application. (16)
- Or
- (b) You have been invited by your Head of the Department to give a guest lecture on a topic of your interest to your college students. Write a letter of acceptance and specify the topic you would like to talk on and the time you would prefer to give this talk. Along with your acceptance letter you need to enclose your bio data as your Department Head had requested for the same. (16)

14. (a) You are working as a Systems Engineer in Sparktech Industries. Last Friday there was a sudden fire accident in the records room. The records room clerk was hurt with third degree burns in the accident. The security personnel who came to put out the fire were also hurt with minor burns. Many systems with important data were destroyed in the fire. Your Managing Director is very upset with this fire and asks you to submit a detailed report of the incident. (16)

Or

- (b) You are working as a Production Manager of a software company. Your company is planning to launch a software that would help in downloading materials from internet in a short time. The company needs information about internet users in your area. Conduct a survey on internet usage, age group of people who download the most and the expense they are willing to spend for the same. Write a report to your head office about the survey you have conducted in your region and give recommendations regarding launching of this software package in your area. (16)
15. Write a short essay for not more than 300 words on **ONE** of the following topics. (16)

- (a) The idea of going overseas for university study is an exciting prospect for many people. But while it may offer some advantages, it is probably better to stay home because of the difficulties a student inevitably encounters living and studying in a different culture. To what extent do you agree or disagree this view? Give reasons for your answer.

Or

- (b) Damage to the environment is an inevitable consequence of worldwide improvements in the standard of living. Discuss.
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