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Question Paper Code: 41101

B.E. / B.Tech. DEGREE EXAMINATION, DECEMBER 2014.

First Semester

Civil Engineering

14UEN101-TECHNICAL ENGLISH – I

(Common to all branches)

(Regulation 2014)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions.

PART A - (10 x 1 = 10 Marks)

- Pick out the suitable tense form and fill in the blank:
She told me his name after he _____ the room.
(a) left (b) had left (c) was left (d) is left
- Choose the synonym for fantasy:
(a) Response (b) Desire (c) Wild imagination (d) Danger
- Choose the sentence in which subject and verb agree:
(a) His application form for the new post, which were sent last week, has not reached.
(b) His application form for the new post, which was sent last week, have not reached.
(c) His application form for the new post, which have been sent last week, have not reached.
(d) His application form for the new post, which was sent last week, has not reached.
- Pick out the correct form of passive voice for the sentence: He has completed the work
(a) The work was completed by him (b) The work was been completed by him
(c) The work has been completed by him (d) The work had been completed by him

5. Determine the part of speech for the underlined word.
The infuriated woman slammed the door.
(a) Adverb (b) Adjective (c) Noun (d) Verb
6. Pick out the suitable homophone and fill in the blank:
During the _____ end, we go to the market to buy the _____.
(a) Week, meat (b) Weak, meet (c) Week, meet (d) Weak, meet
7. Choose the correct form of the word:
_____ was accurately done by the accountant.
(a) Calculate (b) Calculable (c) Calculation (d) Calculus
8. Choose the correct meaning of the underlined word.
I promised to repay the money after I return
(a) I promised that I will return
(b) I will return to repay the money
(c) I will repay the money and then I will return
(d) I shall repay the money as soon as I return
9. Choose the appropriate numerical expression for the given sentence.
A tank of the capacity 1000 litres
(a) a 1000 litre tank (b) a 1000 litres tank
(c) 1000 litres tank (d) Tank of 1000 litres
10. Fill in the blank with suitable one word substitution.
A study of derivation of words _____
(a) Entomology (b) Psychology (c) Etymology (d) Physiology

PART - B (5 x 2 = 10 Marks)

11. Define: Adjective with example.
12. Write two instructions to keep your college campus clean
13. Distinguish regular and irregular verbs.
14. What is a report?
15. What are the different parts of speech?

PART - C (5 x 16 = 80 Marks)

16. Read the following passage carefully and answer the questions:

Centuries ago, man discovered that removing moisture from food helps to preserve it, and that the easiest way to do this is to expose the food to sun and wind. In this way the North American Indians produce pemmican (dried meat ground into powder and made into cakes), the Scandinavians make stockfish and the Arabs dried dates and 'apricot leather'.

All foods contain water – cabbage and other leaf vegetables contain as much as 93% water, potatoes and other vegetables 80%, lean meat 75% and fish anything from 80% to 60% depending on how fatty it is. If this water is removed, the activity of the bacteria which cause food to go bad is checked.

Fruit is sun-dried in Asia Minor, Greece, Spain and other Mediterranean countries, and also in California, South Africa and Australia. The methods used vary, but in general, the fruit is spread out on trays in drying yards in the hot sun. In order to prevent darkening, pears, peaches and apricots are exposed to the fumes of burning sulphur before drying. Plums, for making prunes, and certain varieties of grapes for making raisins and currants, are dipped in an alkaline solution in order to crack the skins of the fruit slightly and remove their wax coating, so increasing the rate of drying.

Nowadays most foods are dried mechanically. The conventional method of such dehydration is to put food in chambers through which hot air is blown at temperatures of about 110° C at entry to about 43°C at exit. This is the usual method for drying such things as vegetables, minced meat and fish.

Liquids such as milk, coffee, tea, soups and eggs may be dried by pouring them over a heated horizontal steel cylinder or by spraying them into a chamber through which a current of hot air passes. In the first case, the dried material is scraped off the roller as a thin film which is then broken up into small, though still relatively coarse flakes. In the second process it falls to the bottom of the chamber as a fine powder. Where recognizable pieces of meat and vegetables are required, as in soup, the ingredients are dried separately and then mixed.

Dried foods take up less room and weigh less than the same food packed in cans or frozen, and they do not need to be stored in special conditions. For these reasons they are invaluable to climbers, explorers and soldiers in battle, who have little storage space. They are also popular with housewives because it takes so little time to cook them. Usually it is just a case of replacing the dried-out moisture with boiling water.

(i) Choose the right option to complete the following sentences (6x1=6)

1. The open-air method of drying food
 - A. is the one most commonly used today
 - B. was invented by the American Indians
 - C. has been known for hundreds of years
 - D. tends to be unhygienic
2. Bacteria, which cause food to be glad
 - A. cannot live in sunlight
 - B. are killed by drying
 - C. are in no way dependent on the water content
 - D. have their activity greatly reduced by drying
3. Fruit is sun dried
 - A. always by the same method
 - B. generally on trays
 - C. in every country in the world
 - D. by spreading it out under glass panels
4. Sulphur fumes are used before drying some fruits
 - A. to dry them more quickly
 - B. to preserve their colour
 - C. to prevent the skin from cracking
 - D. to kill off bacteria
5. Powdered coffee is made
 - A. by spraying the liquid over a cylinder
 - B. in one of two different ways
 - C. in the same way as minced meat
 - D. by passing through a grinding machine
6. If soup requires recognizable pieces of meat, they are
 - A. treated separately

- B. allowed falling to the bottom of the drying chamber
- C. mixed in later as a fine powder
- D. sold separately in sealed plastic bags

(ii) State whether the following statements are True and False: (4x1=4)

1. The water content is greater in green vegetables than in lean meat
2. Nowadays vegetables are most commonly dried on horizontal cylinders
3. Dried foods are used by soldiers and climbers
4. Housewives like dried foods because they taste better

(iii) Choose the definition which best reflects the meaning of the word as it is used in the text: (6x1=6)

1. expose to

- A. leave out in
- B. protect from
- C. open out
- D. demonstrates to

2. stock fish

- A. dried fish
- B. salted fish
- C. cooked fish
- D. stored fish

3. checked

- A. looked over
- B. supervised
- C. stopped
- D. verified

4. prunes

- A. dried sulphur
- B. dried plums
- C. types of grape
- D. fruit cuttings

5. dehydration

- A. heating

- B. airing
- C. mechanization
- D. drying

6. invaluable

- A. worthless
- B. inexpensive
- C. very useful
- D. free of charge

17. (a) Write a letter to the editor of “THE HINDU” Chennai, complaining of irregular power supply in your area. (16)

Or

- (b) M/s Infosys Technologies, Bangalore is offering educational scholarships to students of engineering based on their merit and performance in extra-curricular activities. You want to apply for this and you require copies of your certificates and a letter of recommendation from your Principal regarding your achievements in extra-curricular activities. Write a letter to your Principal, requesting him to permit you to take photocopies of the certificates, you had submitted to the college at the time of admission. You require them to be sent with your scholarship application. Also, ask him to issue you a letter of recommendation about your extra-curricular activities. (16)
18. (a) Write a set of eight instructions to ensure safety of temporary structures like pandals and shamianas. (16)

Or

- (b) Write a set of eight instructions to protect environment from pollution (Air, Water, and Land). (16)
19. (a) Imagine that you are a Safety Engineer in a car manufacturing factory. There has been a fire accident in the factory and one of the workers has been badly hurt and is in hospital. Your General Manager has asked you to send him a detailed report on the accident together with your recommendations for averting similar accidents in the future. Prepare a report accordingly. (16)

Or

- (b) (i) Write an essay on the structure of a report. (16)

20. (a) Write two paragraphs not exceeding 200 words on the ways in which water; the valuable natural resource can be used and preserved. (16)

Or

- (b) Discuss in two paragraphs whether television promotes education or entertainment or both. (16)
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