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Question Paper Code : 51526

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2014.

Second Semester

Civil Engineering

HS 2161/HS 21/080020003 — TECHNICAL ENGLISH – II

(Common to all Branches)

(Regulation 2008)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Match the words in column 'A' with their meanings in column 'B': (4 × ½ = 2)

A

B

- | | | |
|-----------------|---|--------------------------------------|
| (a) prohibitive | — | an unpleasant or difficult situation |
| (b) adversity | — | being placed under water |
| (c) discard | — | very expensive, unaffordable |
| (d) submergence | — | dispose of, get rid of |

2. Fill in the blanks with the appropriate forms of the words: (8 × ¼ = 2)

Noun

Adjective

Person concerned

- | | | |
|-----------------|-------------------|-----------|
| (a) _____ | technological | _____ |
| (b) _____ | historiographical | _____ |
| (c) _____ | _____ | architect |
| (d) environment | _____ | _____ |

3. Fill in the blanks with suitable prepositions: (4 × ½ = 2)

Success people understand that attitude is a choice, which includes enthusiasm. People who wait _____ external forces to help them spark their enthusiasm are _____ other people's mercy all the time. They are likely to run hot or cold based _____ what is going on around them _____ any given moment. However, positive people are positive because they choose to be.

4. Use any TWO of the following phrases in sentences of your own: $(2 \times 1 = 2)$
- (a) roll back
 - (b) hunt down
 - (c) give away
 - (d) strike off.

5. Use the hints below to make sentences expressing purpose: $(4 \times \frac{1}{2} = 2)$

Example : Binocular – observes birds from a distance

Answer : A binocular is used to observe birds from a distance.

- (a) Radio telescope – finds stars and the position of spacecraft, etc.
 - (b) Ammeter – measures the strength of an electric current
 - (c) Sterilizer – makes objects or substances completely free from bacteria
 - (d) Amplifier – makes sounds or radio signals louder
6. Join the 'causes' in column 'A' with the 'effects' found in column 'B' using cause and effect expressions ('due to', 'on account of', 'because of) and write four sentences: $(4 \times \frac{1}{2} = 2)$

A (Cause)

B (Effect)

- (a) Fire accident – short circuit
- (b) Indiscriminate urbanization – disappearance of wet lands
- (c) Exposure to high decibel noise – high blood pressure and irritability
- (d) The boom in the IT market – lot of job opportunities

7. Rewrite the following expressions as shown in the given example: $(4 \times \frac{1}{2} = 2)$

Example : a program lasting 50 minutes

Answer : a 50 – minute program

- (a) a bulb with a power of 40 watts
 - (b) a running race of 900 meters
 - (c) a granite roof slab of 30 tons
 - (d) a squad with 7 members
8. Edit the following passage by correcting the mistakes in spelling, grammar and punctuation: $(8 \times \frac{1}{4} = 2)$

a great advance in pottery followed the invention of the potter's wheel and the kiln it is not certainly known where the potter's wheel is first used, but it is thought that by about 3500 B.C. potters in Central Asia were using some kind of wheel. From there its use spread west and east to Egypt Crete China – and then to Ancient Greece and Rome.

9. Select any TWO from the words given in the box and use them as nouns and as verbs in separate sentences: $(2 \times 1 = 2)$

Example:

- (a) The project was implemented last year.
(b) The picture was projected on the screen.

(a) break (b) answer (c) attempt

10. Fill in the blanks with articles (a, an, the): $(4 \times \frac{1}{2} = 2)$

A detective's work is decided by _____ type of crime to which he is assigned. _____ officer working in a big city, either in Britain or America, will deal all day, every day, with assaults, robberies, thefts, murders – whatever comes his way. If he is assigned to _____ specialist unit, like _____ Murder Squad in London, his interests are centred on the people who commit those crimes, and the rest of the world passes him by.

PART B — $(5 \times 16 = 80 \text{ marks})$

11. Read the passage and answer the questions that follow it: (16)

We were trying to stalk a dazzle of zebras which flashed in and out of long strip of green and yellow fever trees, with an ostrich, its feathers flared like a ballet skirt around its dancing legs, on their flank, when suddenly two shots, fired quickly one after the other, snapped the tense silence ahead.

My blood went cold within me. Instinctively I looked at Samutchoso. His face was without expression and yet I knew he had heard and that a change accordingly had taken place within him. With an acute sense of guilt, I realized I had forgotten to keep my promise to him. My anxieties in the swamp, my absorption with the problem of Spode, the long journey out and back from Johannesburg, and many other things had overlaid the moment when he and I had first discussed the journey to the hills. I had completely overlooked the essential condition of the promise extracted by him from me: that there should be no killing on our way to the hills. I had forgotten to tell our companions of Samutchoso's account of the spirits' law against killing on approach to their home.

John and Jeremiah were close by the land-Rover disembowelling a wart-hog. Vyan was followed by Cheruyiot with a Steenbuck across his shoulders. The expression on Samutcho's face was almost more than I could bear.

From there we pushed on faster because the passage over the blackened plain was easy. By eleven o'clock the highest of the hills rose above the blue of distance. After so many weeks in flat land and level swamp the sudden lift of the remote hills produced an immediate emotion and one experienced immediately that urge to devotion which once made hills and mountains sacred to man who then believed that wherever the earth soared upwards to

meet the sky one was in the presence of an act of the spirit as much as a feature of geology. I thought of the psalmist's: 'I will uplift my eyes unto the hills from whence cometh my help', and marvelled that the same instinct had conducted Samutchos to the hills to pray.

The nearer we came the stronger this impression grew, and as *the hills rose at last* clear above the bush they seemed to communicate their own atmosphere to us all. The highest could not have been more than a thousand feet. But they rose sheer out of the flat plain and were from the base up made entirely of stone, and this alone, in a world of deep sand, gave them a sense of mystery. The others, too, felt it.

The sun was setting by the time we had made camp, collected wood for our fires and installed ourselves for a stay of several days. Still no sound or movement came from bush or hills. Even a stir of evening air would have been welcome to ease the immovable and shining heat hanging in the horseshoe bowl of rocks. Just before dark I took my gun and walked alone to the narrow gap between the highest of the hills in the hope that there I might meet *some* cooling air. But it was just as bad there so I started back at a quickened pace because the light was fast beginning to fail, and the silent raised rock faces made me feel acutely uncomfortable. In that red afterglow of an immense Kalahari sunset they had a strange, living personality as if their life had been only temporarily suspended, and they might wake up, at any moment step down, and walk the desert.

At this point I was deeply startled by a sound coming from the rocks on my right. I swung round, my gun ready, and the hair slowly creeping at the back of my neck.

(a) Write the response which best reflects the meaning of the text: (5 × 1 = 5)

(i) When the shots were fired, Samutchoso

- (1) did not hear them
- (2) felt very guilty
- (3) showed no feelings
- (4) looked angry

(ii) The author had made a promise to Samutchoso

- (1) a long time before
- (2) that morning
- (3) in Johannesburg
- (4) the moment before

- (iii) They felt a strong sensation when they first saw the hills because
- (1) the hills were sacred to them
 - (2) they were frightened by them
 - (3) the hills were a contrast to the plains
 - (4) they believed in spirits
- (iv) The hills were mysterious because they were
- (1) very high
 - (2) made of steep rock
 - (3) sacred to them
 - (4) completely windless
- (v) How long did the group intend to stay in the hills?
- (1) until morning
 - (2) a few weeks
 - (3) one day
 - (4) a few days

(b) State whether the following statements are true or false: (6 × 1 = 6)

- (i) Samutchocho did not believe in spirits.
- (ii) The writer had told his friends about his promise to Samutchocho.
- (iii) They were all deeply impressed by the hills.
- (iv) The hills were made of sand.
- (v) It was already dark when they put up their tents.
- (vi) The writer came down from the gap between the hills because he felt uneasy.

(c) Choose the definition which best reflects the meaning of the word as it is used in the text: (5 × 1 = 5)

- (i) Stalk (paragraph 1)

(1) Shoot	(2) Photograph
(3) Follow	(4) Catch
- (ii) Flared (paragraph 1)

(1) On fire	(2) Hanging down
(3) Spread out	(4) Going up and down
- (iii) Soared (paragraph 4)

(1) Fell	(2) Hurt
(3) Rose	(4) Exploded

(iv) Sheer (paragraph 5)

(1) Steeply (2) Quickly

(3) Roughly (4) Gently

(v) Suspended (paragraph 6)

(1) Ended (2) Interrupted

(3) Changed (4) Delayed

12. (a) Read the following advertisement published in 'The Hindu' and write a letter of application. Enclose your resume with the letter of application: (16)

Shark Software Solutions is a multinational software company.

It offers software solutions for medical equipment design industries.

We are currently looking for Software Engineers.

Qualification : B.E./B.Tech.

Experience : Minimum 2 years experience in software development

Requirements : (a) Problem solving skills to assess design alternatives

(b) Excellent communication skills

(c) Team player attributes

Send your application with CV to Human Resource Manager, Shark Software Solutions, No.27, North Cross Street, Sripet, Chennai-600 081.

Or

- (b) Imagine that your college gives funds for innovative projects that strive to find out solutions to the problems of the people. So, prepare a project proposal in the proper format and state the aim, objectives, and design of the project clearly. Submit the project proposal with a covering letter to the Director of your college. (16)

13. (a) Assume that you are working as a Project Leader in Hi-tech Company, George High Road, Bangalore - 25. In the Conference Hall, there was a fire accident in the day time because of short circuit. Around 5 employees were severely injured and 15 desktop computers were completely damaged in the fire accident. Write a detailed report to the Chief Engineer of your company about the accident and the steps that can be taken to avoid such accidents in the future. (16)

Or

- (b) The State government plans to launch mobile library service for the people residing in rural areas and on the outskirts of cities. Before executing this plan, it wants to know the opinions of the people about the mobile library service. As you are a member of the mobile library service committee, you have been asked to conduct a survey to collect the details about the suggestions of the students and the public. Write a report based on the survey with a covering letter and send it to the Project Coordinator, Mobile Library Service Committee, Chennai. Your report should not exceed 250 words. (16)
14. (a) Write a set of eight recommendations to ensure better health care for the poor people in villages. (16)

Or

- (b) Imagine that you are the Secretary of the Fine Arts Association in your college. You wish to convene a meeting to discuss several aspects related to dance festival, which is to be conducted in the college campus. Prepare a checklist of eight important items that need to be discussed in the meeting for conducting the festival successfully. Give a suitable title for the checklist. (16)
15. Write an essay on any ONE of the following topics in not more than 300 words. (16)
- (a) Technology and its impact on common man.

Or

- (b) Using robots as human workers.
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