

Reg. No.

Question Paper Code

11726

B.E. / B.Tech. - DEGREE EXAMINATIONS, NOV/DEC 2022

Second Semester

Computer Science and Engineering

(Common to Information Technology)

20HSEN201 - TECHNICAL ENGLISH - II

(Regulations 2020)

Duration: 3 Hours

Max. Marks: 100

PART - A (10 × 2 = 20 Marks)

Answer ALL Questions

*Marks,
K-Level, CO
2,K1,CO1*

1. **Fill in the blanks using suitable Tense form of the verbs given in the brackets:**
 - (i) Recently, scientists _____ (develop) a gel that helps brains recover from injuries.
 - (ii) While he _____ (wait) for the bus there was a robbery at the bank.
2. **Fill in the correct verb form given in the brackets:**
 - (i) The creation of new products as well as innovations _____ (is/are) a part of scientific discoveries.
 - (ii) Neither the twins nor their older brother _____ (have, has) ever seen snow.
3. Define Homonym with examples.
4. **(i) Change the following direct speech into indirect:**
They said, "We may go to Canada."
(ii) Change the following indirect speech into direct:
They told that they had been living in Paris.
5. **Fill in the blanks with suitable connectives given in the brackets:**
 - (i) _____ incessant rains, the roads have been damaged. (Therefore/ As a result of/Hence)
 - (ii) _____ he was sick, he attended the exam. (Though/since/But)
6. What is a feasibility report?
7. **(i) Convert the following sentence into a comparative sentence:**
No other city in India is as large as Mumbai.
(ii) Convert the following sentence to a positive sentence:
Diamond is costlier than gold.
8. Differentiate biography and autobiography.
9. **Punctuate the following sentence:**
Did you hear him he whispered
10. **Rewrite the following as numerical expressions:**
 - (i) A walk of five kilometers
 - (ii) A panel of five members

K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create

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PART - B (5 × 13 = 65 Marks)

Answer ALL Questions

11. a) **Answer both the subdivisions (i) and (ii).**

(i) Imagine that you have to attend a job interview. Prepare a checklist of eight items for your reference. 8,K2,COI

(ii) Write an extended definition for 'Artificial intelligence'. 5,K2,COI

OR

b) **Answer both the subdivisions (i) and (ii).**

(i) Read the following Passage and answer the questions: 8,K2,COI

The Alaska pipeline starts at the frozen edge of the Arctic Ocean. It stretches southward across the largest and northernmost state in the United States, ending at a remote ice-free seaport village nearly 800 miles from where it begins. It is massive in size and extremely complicated to operate. The steel pipe crosses windswept plains and endless miles of delicate tundra that tops the frozen ground. It weaves through crooked canyons, climbs sheer mountains, plunges over rocky crags, makes its way through thick forests, and passes over or under hundreds of rivers and streams. The pipe is 4 feet in diameter, and up to 2 million barrels (or 84 million gallons) of crude oil can be pumped through it daily.

Resting on H-shaped steel racks called "bents," long sections of the pipeline follow a zigzag course high above the frozen earth. Other long sections drop out of sight beneath spongy or rocky ground and return to the surface later on. The pattern of the pipeline's up-and-down route is determined by the often harsh demands of the arctic and subarctic climate, the tortuous lay of the land, and the varied compositions of soil, rock, or permafrost (permanently frozen ground). A little more than half of the pipeline is elevated above the ground. The remainder is buried anywhere from 3 to 12 feet, depending largely upon the type of terrain and the properties of the soil.

One of the largest in the world, the pipeline cost approximately \$8 billion and is by far the biggest and most expensive construction project ever undertaken by private industry. In fact, no single business could raise that much money, so eight major oil companies formed a consortium in order to share the costs. Each company controlled oil rights to particular shares of land in the oil fields and paid into the pipeline-construction fund according to the size of its holdings. Today, despite enormous problems of climate, supply shortages, equipment break downs, labor disagreements, treacherous terrain, a certain amount of mismanagement, and even theft, the Alaska pipeline has been completed and is operating.

1. The passage primarily discusses the pipeline's

- A. operating costs
- B. employees
- C. consumers
- D. construction

2. The word "it" in line 4 (paragraph 1) refers to the

- A. pipeline
- B. ocean
- C. state
- D. village

3. According to the second paragraph, 84 million gallons of oil can travel through the pipeline each

- A. day
- B. week
- C. month
- D. year

4. The phrase "Resting on" in the passage is closest in meaning to

- A. Consisting of
- B. Supported by
- C. Passing under
- D. Protected with

5. The author mentions all of the following in the third paragraph as important in determining the pipeline's route EXCEPT the

- A. climate
- B. lay of the land itself
- C. local vegetation
- D. kind of soil and rock

6. The word "undertaken" in passage is closest in meaning to

- A. removed
- B. selected
- C. transported
- D. attempted

7. According to the last paragraph, how many companies shared the costs of constructing the pipeline?

- A. three
- B. four
- C. eight
- D. twelve

8. According to the last paragraph, which of the following determined what percentage of the construction costs each member of the consortium would pay?

- A. How much oil field land each company owned
- B. How long each company had owned land in the oil fields
- C. How many people worked for each company
- D. How many oil wells were located on the company's land

(ii) Write an extended definition of 'Laser Technology'.

5.K2,CO1

12. a) Write an essay on 'Social media and its impacts on Youth' of about 300 words.

13.K2,CO2

K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create

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OR

b) Write an essay on 'Digital tools in education' of about 300 words. *13.K2,CO2*

13. a) As the Chairman of the five member committee write a report on the workers strike and its impact in the MSM Steel Industries Pvt. Ltd., Padapai, Chennai. *13.K3,CO3*

OR

b) Imagine that you have attended a meeting of your college environment club. Write the minutes of the meeting. Give details of the date, time, venue, members who attended, topics discussed and the resolutions adopted in your minutes. *13.K3,CO3*

14. a) As a secretary of Technical Fest of your college, write a letter to the CEO Infosys inviting him to be the chief guest of the inaugural ceremony. *13.K3,CO4*

OR

b) Imagine you are the Mayor of your town. You have been invited as the Chief Guest to inaugurate Young Scientist Programme organized by a College. Write a formal reply that you are unable to attend the function. *13.K3,CO4*

15. a) TCS requires Software Engineers (B. Tech / M. Tech) with expertise in JAVA and C++. Write a job application letter along with your resume to The HR Manager, TCS Ltd., OMR Road, Chennai. *13.K3,CO5*

OR

b) Apply to the following advertisement. Write a cover letter and detailed curriculum vitae. A leading automobile industry requires Engineering Graduates with Experience. *13.K3,CO5*

Name of the Post: Senior Manager

Qualification: B.E. / B. Tech graduates with relevant Experience.

Apply to: The HR Manager

Global Automobiles Pvt. Ltd.

11, Veda Street,

MaraimalaiNagar,

Chengelpet – 603203.

PART - C (1 × 15 = 15 Marks)

16. a) Assume yourself to be secretary of Cultural club of your college. You conducted a meeting regarding the arrangements for the cultural day. Write an agenda and minutes of the meeting. *15.K3,CO6*

OR

b) Elaborate on the significance of Group discussion, how are they held and Dos and don'ts for the participants. *15.K3,CO6*