

R22

Code No: 182AM

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech I Year II Semester Examinations, January/February - 2024

ENGLISH FOR SKILL ENHANCEMENT

(Common to EEE, CSE, IT, CSE(CS), CSE(DS), CSD)

Time: 3 Hours

Max. Marks: 60

**Note:** This question paper contains two parts A and B.

i) **Part- A** for 10 marks, ii) **Part - B** for 50 marks.

- Part-A is a compulsory question which consists of ten sub-questions from all units carrying equal marks.
- Part-B consists of **ten questions** (numbered from 2 to 11) **carrying 10 marks each**. From each unit, there are two questions and the student should answer one of them. Hence, the student should answer five questions from Part-B.

**PART- A**

**(10 Marks)**

- 1.a) Write appropriate prefixes in a negative connotation for the following words: [1]
- respectful
  - pleasant
- b) Fill in the following blanks with appropriate articles: [1]
- The thing that was left in the car was \_\_\_\_\_ empty box.
  - Dr.Samuel received \_\_\_ best teacher award.
- c) Choose the correct pronoun in each sentence below: [1]
- The Hyderabad team was opportunistic; \_\_\_ (it/they) took advantage of every break.
  - When someone has been drinking, \_\_\_ (he or she/they) may drive poorly.
- d) Give two examples of homonyms. [1]
- e) Correct the following sentences and rewrite them: [1]
- This car is more cheap than the other one.
  - They have been married during six years.
- f) Rewrite the following sentences changing them into simple present tense: [1]
- Ravi read the Bible and ate the chocolate at the same time.
  - He wrote a letter
- g) Write the full form of the following abbreviations: [1]
- PFA
  - AFK
- h) What is the difference between an abbreviation and an acronym? Explain with suitable examples. [1]
- i) Write the one-word substitutions for the following: [1]
- An irrational fear of dogs.
  - Killing one's own father.
- j) What are the main characteristics of a technical report? Explain. [1]



**PART - B**

**(50 Marks)**

2.a) In 'Toasted English' by R.K.Narayan, How can the mongrelisation of English be prevented?

b) Write a paragraph on the topic, "Artificial Intelligence in the 21<sup>st</sup> Century". [5+5]

**OR**

3.a) Do you agree with the idea of Bharat English proposed by R.K.Narayan? Give examples to defend your answer.

b) Write a short note, illustrating the techniques for writing precisely. [5+5]

4.a) What according to you is the central reason for Sudha Murthy's letter getting recognition from JRD Tata? Explain your answer.

b) 'All that glitters is not gold'. Explain this proverb using a real-life example. [5+5]

**OR**

5.a) How does Sudha Murthy argue for the inclusion of women in Tata's factories? Can you find similar examples of such an argument?

b) Describe your smart Mobile Phone in about 200 words. [5+5]

6.a) "Quality teaching and learning design must incorporate active, engaging roles for individual students, whether designed for traditional or distance education." Do you agree with the given statement? Explain your answer.

b) Write a letter to the HR of your company, asking him to sanction leave for a week to attend your sibling's wedding. [5+5]

**OR**

7.a) How do we capitalize on COVID-19 initiated a change to build better education systems for the future?

b) Prepare a Resume and write a letter of application for the post of system Analyst in a MNC. [5+5]

8.a) How does art contribute to the development of a Nation? Explain your answer using suitable examples.

b) Write a conclusion paragraph for an essay titled 'Differences between Atheism and Theism'. [5+5]

**OR**

9.a) "A country is rich because of the natural wealth, but the growing glory of the nation is its thinkers, who can facilitate the creation of enlightened leaders amongst our youth." Can you identify such thinkers in your country? Explain your choices.

b) Write an introduction paragraph for an essay on 'Global Warming' in about 150 words. [5+5]

10.a) How did the opinion of Subroto Bagchi's parents about India's ability to govern itself differ from each other? Which one of them do you agree with? Explain your choice.

b) Write a technical report on the feasibility of establishing a local radio in your college and discuss the advantages. [5+5]

**OR**



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- 11.a) What does Subroto Bagchi mean by the words ‘Go, Kiss the World’? How does this line relate to you in your life? Explain.
- b) Read the following paragraph and answer the questions that follow.

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Thousands of cities around the world could power themselves entirely with solar panels floating atop water reservoirs, according to new research. It’s a relatively easy way to generate renewable energy locally while also conserving water. Solar arrays suspended over water, or floatovoltaics, work similarly to those spread out over land. The panels sit on a raft instead of on parking lots, rooftops, or other grounded mounts. But they haven’t been deployed in many places around the world yet and only produced as much electricity as less than 1 percent of the world’s land-based solar farms in 2020. Now, a new study published in the journal Nature Sustainability shows just how much potential cities could tap into with this emerging technology. Researchers found that 6,256 cities across 124 countries could, in theory, meet all their electricity demand from solar panels deployed on nearby water reservoirs. They would just need to cover about 30 percent of the water’s surface with floatovoltaics. The researchers analyzed 114,555 reservoirs around the world using multiple databases and then modeled potential power generation using realistic climate data.

QA

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And since all those floating arrays would block enough sunlight to reduce evaporation, the researchers also projected major water savings. Cumulatively, the panels would conserve about as much water as 300 million people might use annually (or roughly 106 cubic kilometers per year). That would be incredibly helpful as droughts made worse by climate change suck reservoirs dry. On land, large solar farms might compete for space with other priorities like agriculture or habitat conservation. Floating on water reservoirs, photovoltaic panels can avoid those disputes.

QA

To be sure, developers will still need to assess each reservoir to limit any negative side effects. Covering too much of the reservoir with solar panels could result in less oxygen in the water, for instance, which could harm fish. Building on artificial reservoirs rather than natural bodies of water might be a less damaging option, the research notes. Some floating solar projects are starting to take off. The US army deployed its first floating solar array last June at Fort Bragg in North Carolina. Floatovoltaics are already more popular in Asia. Above, you can see NASA’s satellite images of one of the world’s largest floating solar farms so far, which came online last year in Shandong province. And South Korea has more than 92,000 solar panels fashioned into the shape of plum blossoms floating atop a 12-mile reservoir in its Hapcheon County.

QA

- i) Give a suitable title for the passage and explain your choice.
- ii) Make a Precis of the above passage.

[5+5]

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