ACADEMIC YEAR 2023 – 2024

Program	Year	Semester	Paper
PE	**2**	**1**	**MAIN 1**

MODULE NAME:	**TECHNICAL ENGLISH-III**		

MODULE CODE:	**TENG-III**	EXAM DATE:	**02/01/2024**
TEACHER'S NAME:	**Dr. Rommel Pascual Manzon**	DURATION:	**2 hrs.**

Questions to be answered on:	Allowed requirements	Number of pages
Space provided on the question paper	Pen	(Incl. Cover Page): 10

Points of Attention:

- For each question, the maximum earned points are mentioned between brackets at the end of each question.
- Write very clearly! Answers that are not readable are not marked and don't get points!
- Make sure your answers are written to the point.
- All answers should be written **in English**.
- Write all the answers **in blue or black pen only**.
- When finished, submit the question paper together with the answer scripts and the signed cover page to the invigilator.
- Any cheating/copying may result in an instant failing of the examination.

FINAL MARKS

STUDENT NAME:			**50**
STUDENT ID:			**10**

Number of answer scripts: ……………………

Invigilator: …………..……...........

Student's signature: ………………………………

Time of receipt: ……………........

READING [20 Marks]

Read the text and answer the questions given below.

"Prioritizing Health, Safety, and Environment: A Comprehensive Approach"

In our rapidly evolving world, the synergy between health, safety, and the environment has become more critical than ever. Recognising the interconnectedness of these elements is essential for fostering a sustainable and thriving global community. This text explores the integral role that health, safety, and environmental consciousness play in our daily lives, workplaces, and broader societal framework.

Health is the foundation of individual and collective well-being. A commitment to health involves not only the absence of illness but also the cultivation of physical, mental, and social well-being. The fundamental components are encouraging healthy lifestyles, access to quality healthcare, and preventive measures. By fostering a culture of health, we empower individuals to lead fulfilling lives, enhancing overall productivity and contributing to a vibrant society.

Safety is a non-negotiable aspect of any environment, workplace, public space, or home. Proactive safety measures protect individuals from harm, prevent accidents, and create a secure atmosphere. Emphasizing safety protocols, training, and the use of advanced technologies ensures that every facet of our lives, from daily routines to industrial processes, is safeguarded against potential hazards. In doing so, we build resilient communities capable of confidently facing challenges.

Our environment sustains life and provides the resources necessary for our existence. Preserving the delicate balance of ecosystems, reducing pollution, and embracing sustainable practices are imperative for the longevity of our planet. From conservation efforts to renewable energy initiatives, addressing environmental concerns is an investment in the future. A conscientious approach to the environment safeguards biodiversity, mitigates climate change, and ensures a harmonious coexistence between humanity and nature.

Health, safety, and the environment are intricately linked, forming a triad that influences the quality of life on a global scale. A healthy environment contributes to individual well-being, while prioritizing health enhances our capacity to protect and preserve the environment. Simultaneously, a safe environment promotes both health and environmental sustainability. Recognizing and addressing the interdependencies within this triad allows us to create a holistic framework that supports a thriving, interconnected global community.

Despite the progress made in promoting health, safety, and environmental awareness, challenges persist. Emerging technologies, population growth, and global interconnectedness pose new risks that require innovative solutions. However, these challenges also present opportunities for collaboration, research, and the development of sustainable practices. By leveraging the collective knowledge and commitment of individuals, communities, and organizations, we can overcome obstacles and create a future where health, safety, and the environment are not compromised for short-term gains.

In conclusion, prioritizing health, safety, and the environment is not merely a responsibility but a shared commitment to building a resilient, sustainable future. By fostering a culture that values these principles, we can create a world where individuals thrive, communities prosper, and the environment flourishes for generations to come (OpenAI, 2023).

Question 1. Indicate whether the following statements are True, False or Not Given.

(5 marks)

Write

T - *if the statement agrees with the information*

F *- if the statement contradicts the information*

NG *- if there is no information on this*

	T / F / NG
1. The text explores the integral role that health, safety, and environmental consciousness play in our daily lives, workplaces, and broader societal framework.	
2. A commitment to health involves only the absence of illness but not the cultivation of physical, mental, and social well-being.	
3. Safety is a non-negotiable aspect of any environment, workplace, public space, or home.	
4. Process engineers are liable for monitoring and sustaining safety and health in the company.	
5. A safe environment promotes only health sustainability.	

Question 2. What are the three elements considered as a synergy in our world? **(1.5 marks)**

a. _____

b. _____

c. _____

Question 3. Why is recognising the interconnectedness of health, safety and environment considered essential? **(2 mark)**

_____

_____

_____

Question 4. Explain the roles of proactive safety measures in creating a secure atmosphere, as mentioned in the text. **(2.5 marks)**

_____

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Question 5. How can promoting health contribute to overall productivity in society?　　(2 marks)

_____
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Question 6. How do safety protocols and the use of advanced technologies safeguard different aspects
　　　　　　of human lives?　　　　　　　　　　　　　　　　　　　　　　　　(1 mark)

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Question 7. How does the text describe the interconnected of health, safety, and the environment?
　　　　　　Provide examples of how they influence each other.　　　　　　　　(3 marks)

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Question 8. Do you agree with the statement that challenges also present opportunities, as
　　　　　　mentioned in the text? Why or Why not? Give three reasons.　　　　(3 marks)

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LANGUAGE   [20 Marks]

Question 1. Change the following sentences into active or passive.   **(4 marks)**
(0.5 marks for a correct answer and 0.5 marks for grammar accuracy & spelling)

1. The employees are performing the peer evaluation to complete the process.

_____

2. Mohsin has presented the outcomes of the research in the class.

_____

3. Ahmed will have mitigated the technical issues and recorded the results of the mitigation.

_____

4. The staff were mitigating the failures in the control room.

_____

Question 2. Change the following sentences into direct speech or reported speech.   **(4 marks)**
(0.5 marks for a correct answer and 0.5 marks for grammar accuracy & spelling)

1. Mohammed said that they had developed their work performance and they had performed their duties as per the policy.

_____

2. "Suleiman was mitigating the accident that the employees committed yesterday," the supervisor said.

_____

3. Mohammed said that they were going to supervise the maintenance which would help the production.

_____

4. Hussein said, "The new employees are signing the contract now with the management."

_____

Question 3. Change the sentences into direct or reported questions.   **(5 marks)**
(0.5 marks for a correct answer and 0.5 marks for grammar accuracy & spelling)

1. The manager asked, "Why did the new machines fail last week?"

_____

2. The new trainees asked me where the training facility was.

_____

3. Maryam asked, "Have you modified the integrated project report yet?"

_____

4. The safety officer asked, "Did the company manager implement the safety policies?"

_____

5. Dr. Aldrin asked them if they had modified the integrated project based on the comments.

_____

Question 4. Complete the following IF Conditional sentences. **(5 marks)**
 (0.5 marks for a correct answer and 0.5 marks for grammar accuracy & spelling)

1. If the company provides performance competition, _____

2. The production would continue _____

3. If the supervisor announced the new policy, _____

4. Risk and Hazard would have minimised _____

5. If the students had presented well the report, _____

Question 6. Read the texts given below and create W/H questions. **(2 marks)**

1. _____

   _____

A process operation involves a series of interconnected steps, each contributing to the overall success of the process. It typically begins with input acquisition, followed by processing, and concludes with the delivery of the final product or service. Monitoring and control mechanisms ensure that the process stays within predefined parameters.

2. _____

   _____

Efficient process operation is crucial for achieving organizational goals such as cost-effectiveness, product quality, and meeting customer demands. It enables companies to streamline workflows, reduce errors, and enhance overall productivity.

(OpenAI, 2023)

WRITING [10 Marks]

Question 1. Look at the process given below and write a 150–250-word process essay.

UPSTREAM	MIDSTREAM	DOWNSTREAM
Oil & Gas Exploration, Field Development & Production	Processing, Storage, Trading and Transportation	Crude oil refining, sales, distribution and retail
Offshore Platform	Transport	Refining
Onshore Pump Jack	Process & Storage	Distribution

(Anon, 2023)

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Writing Marking Criteria

	Task Achievement	Organization, Coherence and Cohesion and Layout	Vocabulary and Spelling	Punctuation and Capitalisation	Grammatical Accuracy and Range
5	Addresses all parts of the task fully and effectively. Presents and supports main ideas clearly. No irrelevance. **More or less than 15% of the specified word limit.**	Has a relevant topic sentence, relevant supporting sentences and a concluding sentence. Uses a wide range of cohesive devices like conjunctions and linking words to demonstrate a highly organised, clear progression. Shows full understanding of paragraph layout.	Uses vocabulary and register required for the task. Uses less common lexical items for the level with ease. Very occasional spelling mistakes.	No problems with punctuation and capitalisation.	Uses a variety of structures accurately and can form some complex sentences with accuracy.
4	Addresses all parts of the task. Presents and supports main ideas. Supporting ideas are relevant. **More or less than 20% of the specified word limit.**	Has a relevant topic sentence, relevant supporting sentences with a clear progression and a concluding sentence. Uses cohesive devices to demonstrate logical relationships. Shows an understanding of paragraph layout.	Uses vocabulary and register required for the task. Attempts to use less common lexical items for the level. Few spelling mistakes.	Few capitalisation and/or punctuation difficulties.	Uses a variety of basic structures which are generally free of errors. Complex structures will be less accurate.
3	Addresses most parts of the task. Presents main ideas. Supporting ideas are generally relevant. **More or less than 25% outside the specified word limit**.	Has a relevant topic sentence, relevant supporting sentences with a generally clear progression and a concluding sentence. Uses basic cohesive devices. Shows some understanding of paragraph layout.	Uses vocabulary required for the task though some words may be imprecise or inappropriate. The register is generally appropriate. Few capitalisation and punctuation difficulties. Some consistent errors in spelling (i.e., the same word misspelt the same way).	Some errors in capitalisation and punctuation.	Uses a variety of basic structures which may have some errors. Attempts to form complex structures.
2	Addresses some of the tasks. Presents main ideas. Some supporting ideas may be missing or irrelevant. **More or less than 30% outside the specified word limit**.	Has a relevant topic sentence. Supporting sentences indicate an attempt at progression. Some irrelevant supporting sentences. Repetitive or inadequate cohesive devices. Inappropriate paragraph layout.	Lack of vocabulary may cause oversimplification though the meaning is still communicated. Lapses in the register. Widespread spelling errors cause reader confusion.	Some problems with capitalisation or punctuation which might make some parts hard to follow.	Uses a limited range of basic structures which have regular, repeated errors. Meaning is communicated.
1	Addresses the task only partially. Presents relevant main ideas though they may be unsupported. **More or less than 35% outside the specified word limit.**	May not have a relevant topic sentence. Has irrelevant supporting sentences. No clear progression. Inaccurate or missing cohesive devices. Inappropriate paragraph layout.	Lack of vocabulary hinders communication of the meaning. Frequent lapses in register. A lot of errors in spelling.	Widespread errors in capitalisation and punctuation.	Uses a limited range of basic structures which have regular, repeated errors. Meaning is difficult to understand.

| 0 | Addresses the task only in a minimal way / No serious attempt / totally off-topic / Plagiarised | Not logically organised. Topic sentence may not be relevant. No attempt at using cohesive devices. The paragraph layout is inappropriate. / No serious attempt / totally off-topic / Plagiarised | Vocabulary consists of a few isolated words. No word formation or spelling. / No serious attempt / totally off-topic / Plagiarised | No control over capitalisation and punctuation. / No serious attempt / totally off-topic / Plagiarised | Uses memorised or copied phrases. Can only produce a few inaccurate sentence forms. / No serious attempt / totally off-topic / Plagiarised |

MLO & Bloom's Level of Complexity

Q #	MLO Addressed	Complexity Level	Mark	Remark
Reading				
Q1-3	**MLO1**	Understand	**10**	
Q4-5	**MLO2**	Apply	**4**	
Q6	**MLO3**	Analyse	**3**	
Q7	**MLO5**	Synthesise	**3**	
Language				
Q1-6	**MLO2**	Apply	**20**	
Writing				
Q1	**MLO5**	Analyse / Synthesise	**10**	

References:

Anon, (2023). Oil and Gas Upstream Operations - The Petro Solutions. [online] Available at: https://thepetrosolutions.com/oil-and-gas-upstream-operations/. (Accessed 19 November 2023).

OpenAI. (2023). ChatGPT (November 15) Health, Safety and Environment. https://chat.openai.com/c/d5081b62-8be9-4b06-9dd1-7caaa0e3dda7 (Accessed 19 November 2023)