



UNIVERSITY COLLEGE TATI (UCTATI)

FINAL EXAMINATION QUESTION BOOKLET

COURSE CODE	: DGE 1212
COURSE	: TECHNICAL ENGLISH I
SEMESTER/SESSION	: 1-2023/2024
DURATION	: 2 HOURS

Instructions:

1. This question booklet contains 3 sections.
2. Answer **ALL** questions in the answer booklet.
3. Write legibly and draw sketcher wherever required
4. If in doubt, raise your hands and ask the invigilator

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO
THIS BOOKLET CONTAINS 8 PRINTED PAGES INCLUDING COVER PAGE

SECTION A: READING COMPREHENSION (30 MARKS)

Read the following passage about “**The Art of Making Creamy Ice Cream**” and answer the following questions. Answer all questions.

Title: The Art of Making Creamy Ice Cream

- 1 Making *ice cream* is a delightful and rewarding process that brings joy to people of all ages. With just a few basic ingredients and some simple techniques, you can create a creamy, frozen treat that is both delicious and satisfying. The process involves several steps, starting from gathering the necessary ingredients and equipment. 5
- 2 To make ice cream, you will need the following ingredients: cream, milk, sugar, flavourings (such as vanilla extract), and any additional ingredients for specific flavours (e.g., cocoa powder for chocolate ice cream). You will also need an ice cream maker, which can be electric or manual. 10
- 3 The first step is to prepare the ice cream base. In a saucepan over medium heat, combine the cream, milk and sugar. Stir the mixture gently until the sugar dissolves completely. This step ensures that the sweetness is evenly distributed throughout the ice cream. You can also add flavourings like vanilla extract or cocoa powder at this stage, infusing the base with your desired taste. 15
- 4 Once the base is ready, remove it from the heat and let it cool. It's important to **refrigerate** the base for a few hours or overnight to ensure it is thoroughly chilled. This step allows the flavours to meld and the mixture to develop a smooth texture. Chilling the base also helps the ice cream freeze faster and more evenly when it goes into the ice cream maker 20
- 5 Next, assemble your ice cream maker according to the manufacturer's instructions. Most ice cream makers consist of a freezer bowl that needs to be pre-frozen before use. Place the freezer bowl in the freezer for several hours or overnight to ensure it's completely frozen. 25

6 Pour the chilled ice cream base into the machine's freezer bowl and turn it on. The machine will churn the mixture while freezing it simultaneously. Churning prevents the formation of large ice crystals, resulting in a smooth and creamy consistency. The ice cream maker typically takes 20 to 30 minutes to freeze the mixture. However, the exact 30 time may vary depending on the specific machine you're using

7 During the last few minutes of churning, you can add additional ingredients to create different flavours or add texture. Popular choices include chocolate chips, fruit chunks, cookie dough, or nuts. These ingredients will be evenly distributed throughout the ice cream as it churns, 35 providing delightful surprises with every scoop.

8 Once the ice cream reaches the desired consistency, transfer it to an airtight container. If you prefer a softer consistency, you can enjoy the ice cream immediately. However, for a firmer texture, place the container in the freezer for a couple of hours to allow the ice cream to harden further. 40

9 After the ice cream has hardened, it's ready to be enjoyed. Scoop it into bowls or cones, and savour the creamy goodness that you've created. You can also unleash your creativity by adding various **toppings** like sprinkles, crushed cookies, caramel sauce, or fresh fruits. These garnishes add extra flavour and visual appeal to your homemade ice cream. It's worth 45 noting that homemade ice cream is best consumed within a few days to maintain its optimal texture and taste. If you have leftovers, store them in the freezer in an airtight container to prevent ice crystals from forming.

10 Making ice cream is a delightful and rewarding process that allows you to experiment with flavours and textures. You can create classic 50 favourites or invent your own unique combinations. The joy of making ice cream at home lies in the freedom to customize it according to your preferences and dietary restrictions. So, gather your ingredients, set up your ice cream maker, and embark on a delicious journey of ice cream creation. Whether you're making it for a special occasion or simply 55 indulging in a sweet treat, homemade ice cream is sure to bring smiles and satisfaction to all who taste it.

Adapted from <https://online.fliphtml5.com/glqnn/nhbl/#p=1>

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1. Define the following words as used in the passage
 - a) Ice cream (Line 1) (1 mark)
 - b) Refrigerate (Line 18) (1 mark)
 - c) Toppings (Line 43) (1 mark)
 2. According to the passage, list five (5) ingredients required to make ice cream.
(5 marks)
 3. List four (4) additional ingredients added to make different flavors and texture?
(4 marks)
 4. List four (4) examples of toppings that can be added to the ice cream before serving?
(4 marks)
 5. According to Paragraph 4, why is it important to chill the ice cream base before freezing?
(4 marks)
 6. According to Paragraph 6, how long does it take for the ice cream mixture to freeze in the ice cream maker?
(2 marks)
 7. According to Paragraph 9, why it is best to consume ice cream within a few days?
(1 mark)
 8. Describe three (3) steps in preparing the ice cream base.
(5 marks)
 9. Describe the purpose of churning as stated in Paragraph 6.
(2 marks)

SECTION B: SHORT ANSWERS (30 MARKS)

Answer all questions.

Part 1: Mind-Mapping (20 marks)

Question 1 to 10 requires you to illustrate the mind map with an introduction, possible topic sentence, supporting details and conclusion for “**positive effects of technology**” based on the outline below.

Title: Positive Effects of Technology**Introduction**

- A. Definition of technology
- B. Overview of the pervasive presence of technology in modern society
- C. Thesis statement: Technology has had numerous positive effects on various aspects of human life.

Topic Sentence 1: Advancements in Communication and Connectivity**Supporting Details:**

- A. Instantaneous global communication through the internet and social media
- B. Improved access to information and knowledge
- C. Enhanced collaboration and networking opportunities

Topic Sentence 2: Impact on Education**Supporting Details:**

- A. Online learning platforms and resources
- B. Personalized learning experiences
- C. Global educational opportunities and cultural exchange

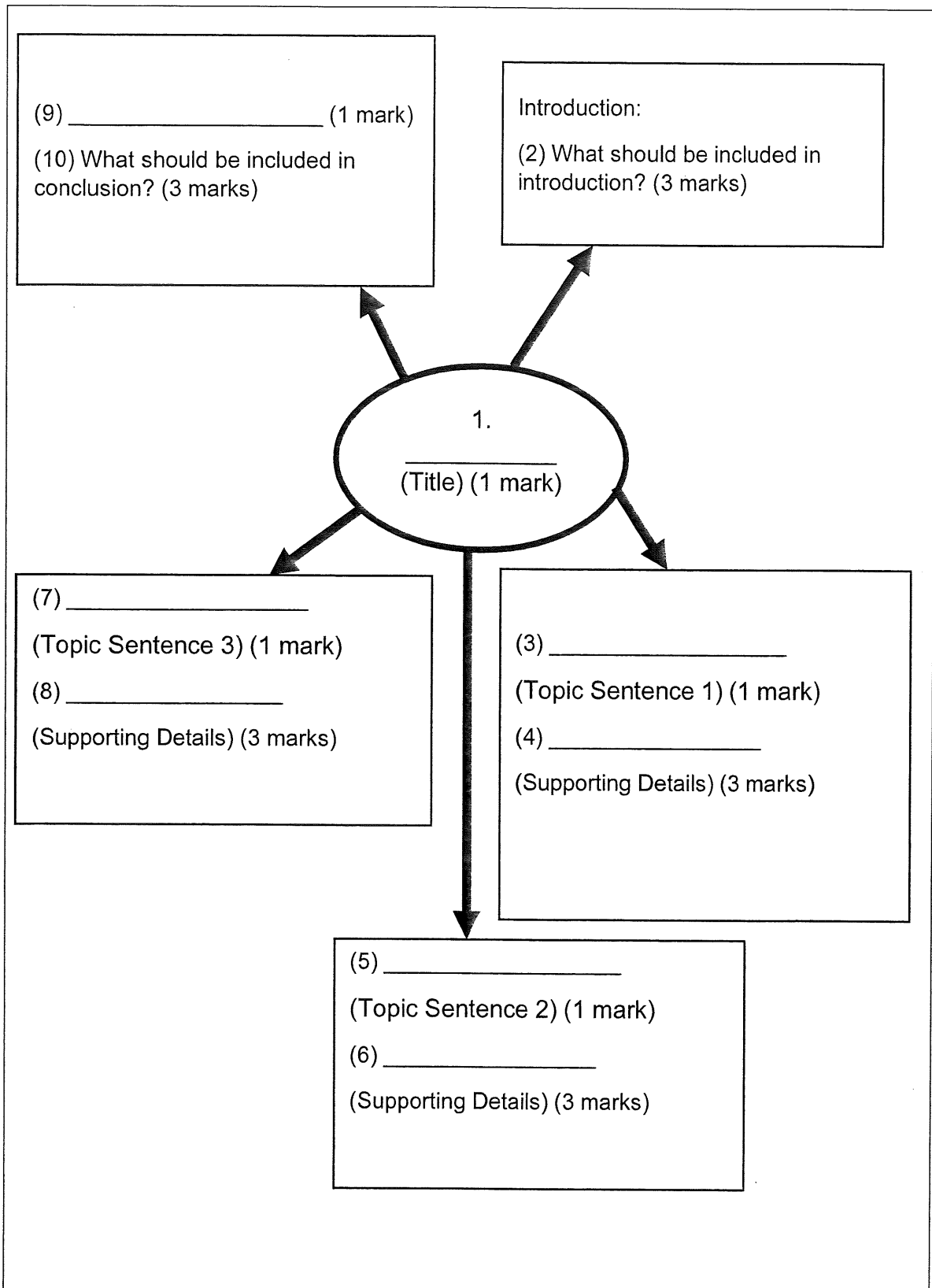
Topic Sentence 3: Impact on Employment**Supporting Details:**

- A. Create new job opportunities (Cybersecurity, Artificial Intelligence development, Digital Marketing)
- B. Enabling work flexibility where employees can work from anywhere.
- C. Elimination of dangerous job

Conclusion

- A. Recap of the positive effects of technology discussed
- B. Emphasis on the ongoing potential for technology to create further positive changes
- C. Closing thoughts on the importance of responsible and ethical use of technology

Answer all questions.



Part 2: Introductory Paragraph (10 marks)

Question 1 and 2 requires you to give an example for each of ways of writing an introductory paragraph based on the Anecdote below:

"I was 18 years old when I first hold my first mobile phone and it was a memorable feeling experiencing the advance of technology at the tip of my fingers. I was considered as a boomer as I had lived before technology really affected our every day's life. However, I have to admit that technology is not all bad. There are some positive effects of technology especially on communication, education and employment."

1. Starts with a question

(5 marks)

2. Starts with quotation

(5 marks)

SECTION C - WRITING (40 MARKS)

This section carries a total of 40 marks, with 30 marks allocated for the question and the remaining 10 marks assigned for the sentence's language proficiency.

In recent years, the rapid development of technology has revolutionized numerous aspects of our daily lives. You are required to write an essay discussing **“the profound effects of technology on communication, education and employment”**. Consider specific examples and provide a comprehensive analysis of positive impacts. You may refer to the guideline provided.

Guidelines:

1. Word Limit: 200 – 250 words
2. The basis of your essay is the effects of technology and it must be based on three main aspects (communication, education and employment)
3. Provide at least 2 well-developed supporting details for each of your topic sentence
4. Consider the positive impacts of technology
5. Ensure your essay has a logical structure with an introduction, developmental paragraph and a conclusion.
6. Use clear and concise language, with proper grammar, spelling and punctuation.

(40 marks)

-----End of Question Paper-----