

USE OF ENGLISH AS-LEVEL SECTION A
LISTENING TEST
Question-Answer Book

(18% of the subject mark)

INSTRUCTIONS

1. Write your Candidate Number in the spaces provided on this page.
2. Stick barcode labels in the spaces provided on this page and pages 3, 5 and 7.
3. Answer **ALL** questions.
4. Write your answers in the spaces provided in this Question-Answer Book, **IN PENCIL**. Do not write in the margins. Answers written in the margins will not be marked.
5. This test is in three parts. In all three parts you are required to write your answers as you listen.
6. You are reminded that all examination materials will be played **ONCE** only.
7. Supplementary answer sheets will be supplied on request. Write your Candidate Number, fill in the question number and stick a barcode label on each sheet, then fasten them with string **INSIDE** this Question-Answer Book.

Please stick the barcode label here.

Candidate Number

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	Marker's Use Only		Examiner's Use Only	
	Marker No.		Examiner No.	
Part 1				
Part 2				
Part 3				
Total				

Checker's Use Only		
Checker No.		
Part 1		
Part 2		
Part 3		
Total		

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Please stick the barcode label here.

INTRODUCTION

Situation

You are Chris Lee, a sixth-form student. Your class at school is doing a project about what the environment will be like by the mid-21st Century. As part of the research for the project, you and two classmates visited an exhibition in the Science Museum called 'Gaia Vision'. There, two guides named Roy and Rachel explained the principles of the Gaian view of the environment and climate change. You are required to make notes and do various tasks based on a recording you made of the visit and some visual materials you were shown at the exhibition.

Part 1

In this part, you will hear the guides giving your group some general information about the beliefs of Gaia followers.

You will have two and a half minutes to familiarize yourself with the note-headings for Part 1.

At the end of Part 1, you will have two minutes to tidy up your answers.

Part 2

In this part, you will hear the guides talking about the benefits and drawbacks for the environment of the use of different energy sources.

You will have two minutes to read the note-headings for Part 2.

At the end of Part 2, you will have two and a half minutes to tidy up your answers.

Part 3

In this part, you will hear the guides talking about the Gaian ideas for how the human race can deal with the coming environmental crisis.

You will have two minutes to familiarize yourself with the note-headings for Part 3.

At the end of Part 3, you will have 10 minutes to tidy up your answers for the whole paper.

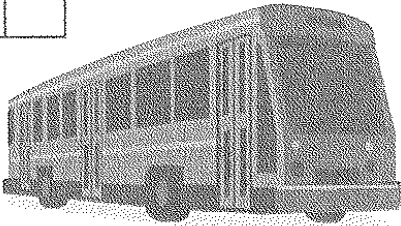
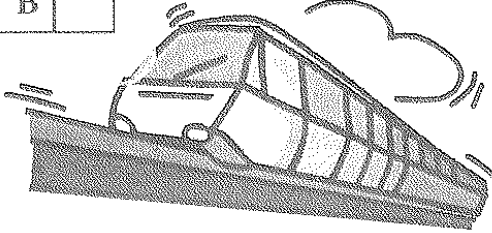
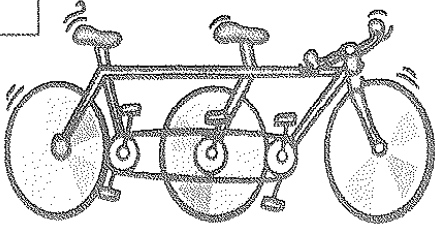
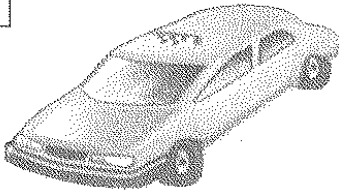
READ THE INSTRUCTIONS AND NOTE-HEADINGS CAREFULLY

Part 1

General information

(11 marks)

1. Mode of transport used by the guides: *Tick the correct box.*

<div style="border: 1px solid black; display: inline-block; padding: 2px;">A</div> 	<div style="border: 1px solid black; display: inline-block; padding: 2px;">B</div> 
<div style="border: 1px solid black; display: inline-block; padding: 2px;">C</div> 	<div style="border: 1px solid black; display: inline-block; padding: 2px;">D</div> 

2. *Complete the information sheet about the founder of Gaia Theory.*

Name of founder	
Occupations	i. ii. iii. iv. v.
Number of books written	
Title of most recent book	T R of G
A leader in ...	
A champion of ...	

Please stick the barcode label here.

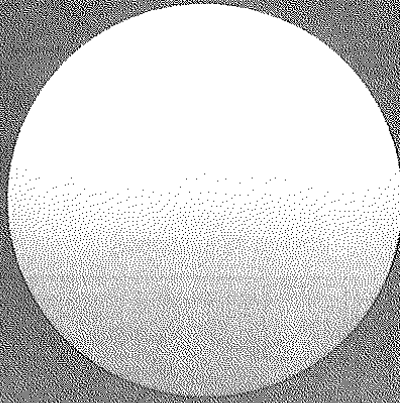
(12 marks)

3. Conventional beliefs versus Gaian beliefs: *Complete the sentences.*

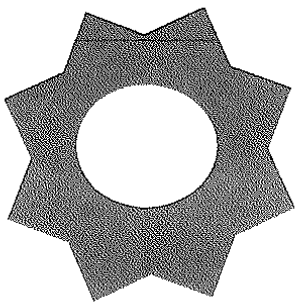
Conventional beliefs	Gaian beliefs
Life evolved on Earth because _____ _____.	All living things _____ _____.
Humans are _____ on Earth.	Humans are _____ on Earth.
Humans _____ the conditions.	Human _____ the conditions.
The Earth _____.	The Earth _____.
The Earth will heal itself and _____ will survive.	The Earth will heal itself but only _____ humans will survive.

4. What Sam and Jo feel about Gaian beliefs: *Tick ONE box each for Sam and Jo.*

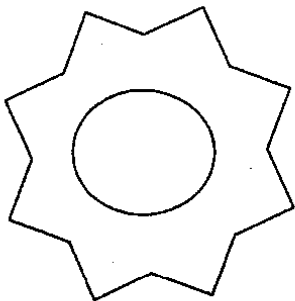
	Sam		Jo
admiration	<input type="checkbox"/>	admiration	<input type="checkbox"/>
disbelief	<input type="checkbox"/>	disbelief	<input type="checkbox"/>
disgust	<input type="checkbox"/>	disgust	<input type="checkbox"/>
horror	<input type="checkbox"/>	horror	<input type="checkbox"/>
apathy	<input type="checkbox"/>	apathy	<input type="checkbox"/>



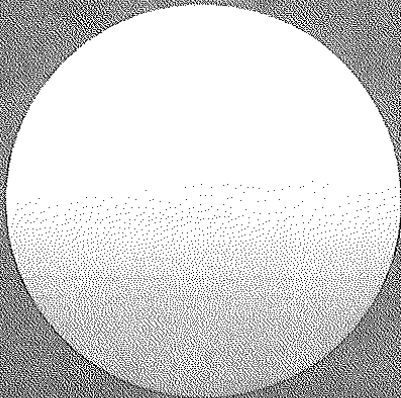
Daisyworld is a planet the same size as the Earth, orbiting a sun just like ours. In the beginning, it is entirely covered with _____ of dormant seeds of black and white flowers.



This is the black daisy. With its darker petals, it is better at _____ for photosynthesis than the white daisy.



This is the white daisy. With its white petals, it is better at _____ than the black daisy, so it can _____ overheating and dying.

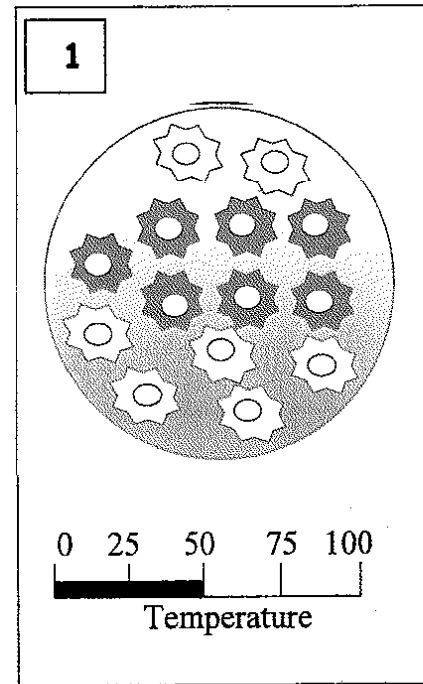
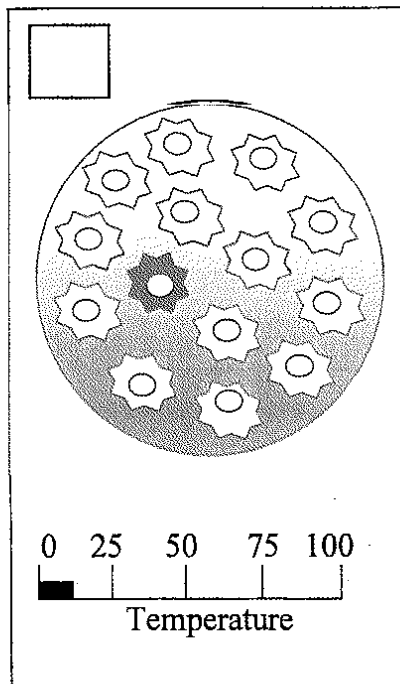
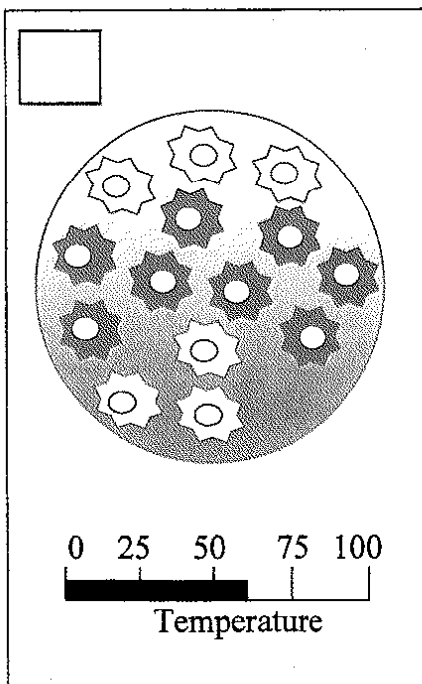
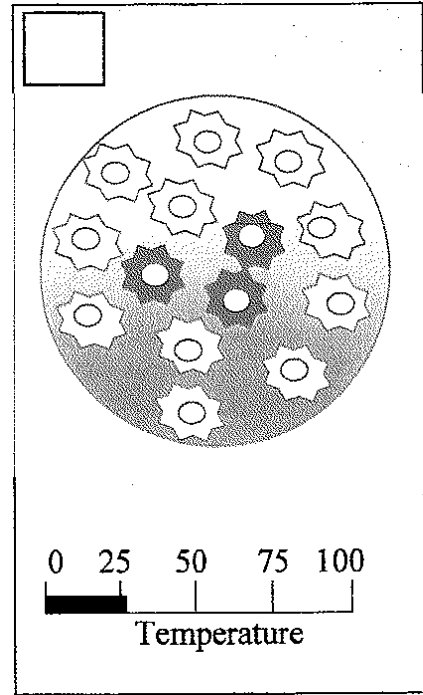
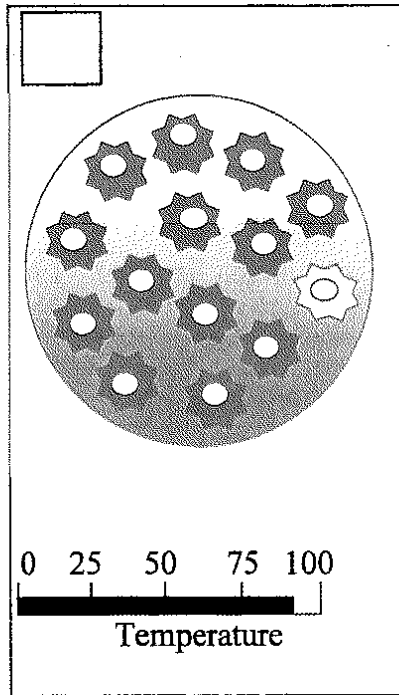
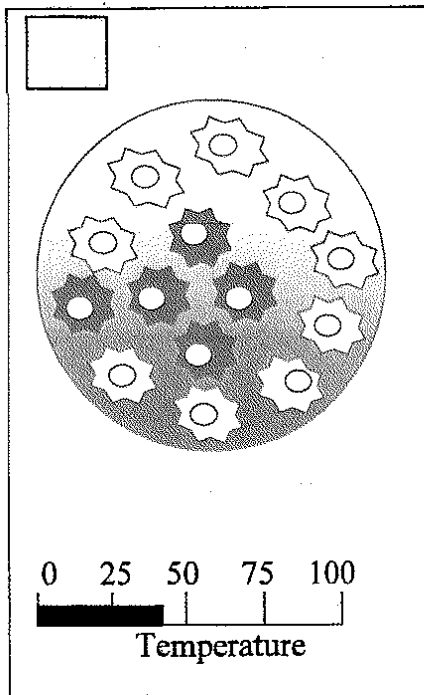


The temperature of Daisyworld _____ as time passes. With the increased temperature, the seeds can _____ plants with flowers.

Please stick the barcode label here.

(5 marks)

6. Changes on Daisyworld: Put the pictures in the correct order using numbers 2, 3, 4, 5 and 6. Number 1 has been done for you. Use each number **ONCE** only.



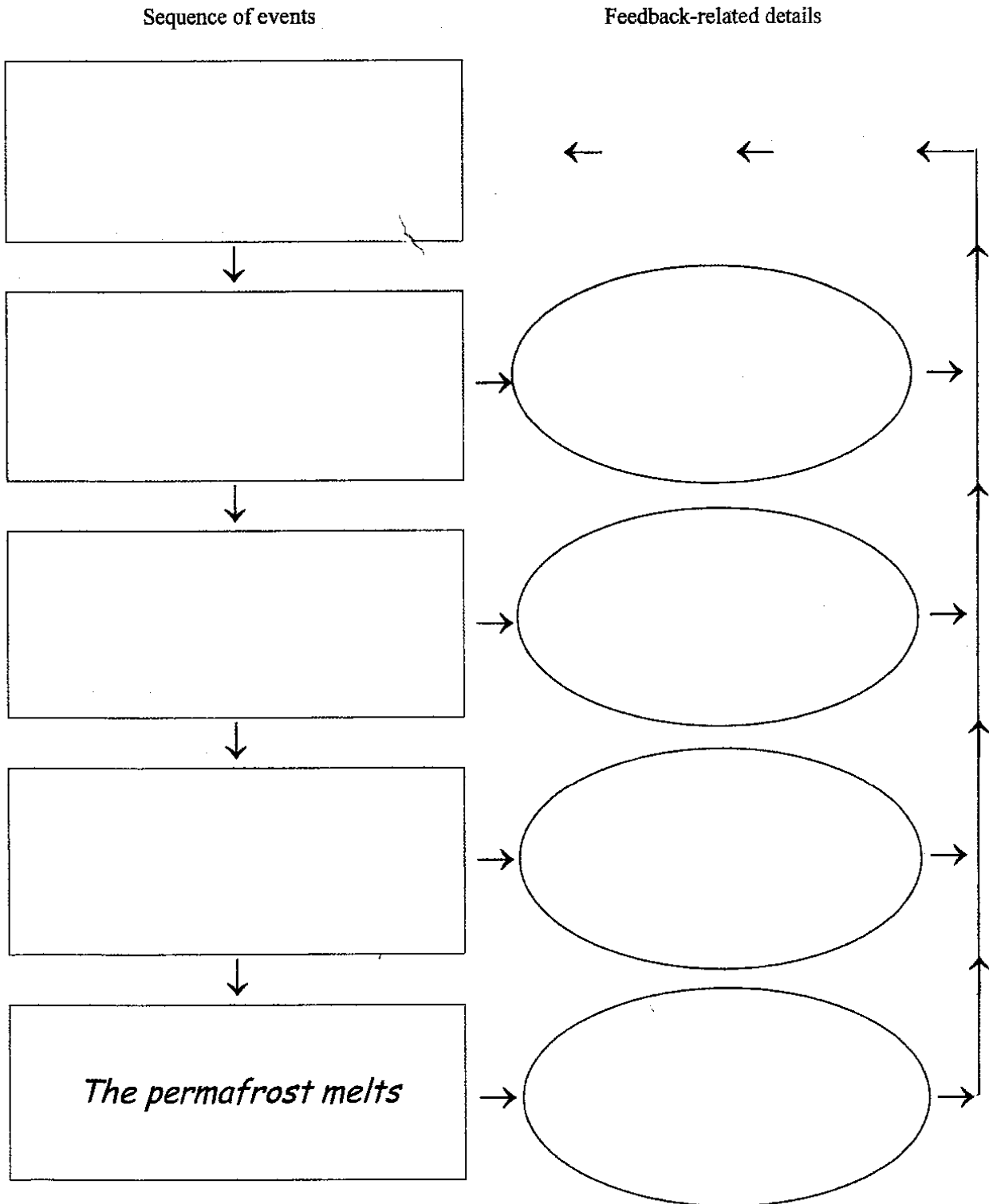
END OF PART 1

Part 2

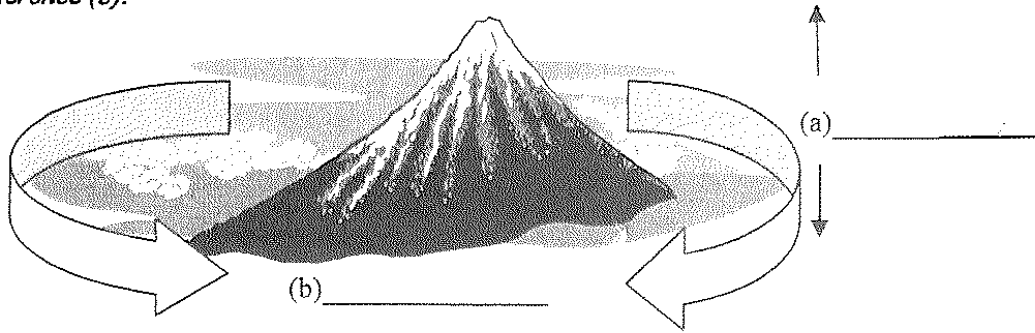
Sources of energy

(8 marks)

7. The regulation pattern: *Complete the flowchart.*



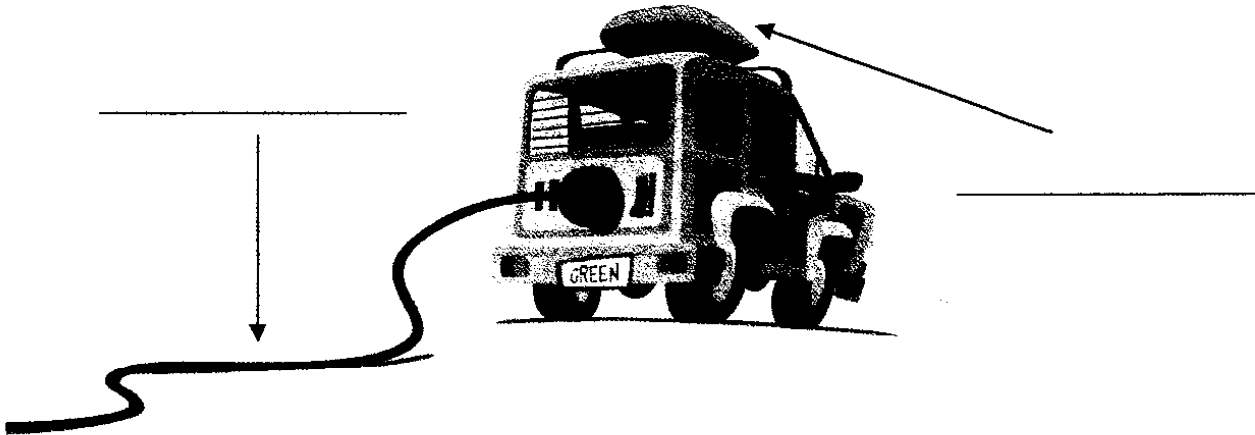
8. Amount of waste from coal and oil: Label the picture with the correct height (a), and the correct circumference (b).



9. Problems with different energy sources:

Source	Disadvantages
Coal and oil	i. ii. iii.
Natural gas	i. ii.
Wind power	i. ii. iii. iv.
Solar energy	i. ii. iii.

10. Label the two important parts of the hydro-buggy.



11. The advantages of the hydro-buggy:

- (a) _____
- (b) _____

12. What Sam and Roy feel about the prospects for a hydrogen-based future: Tick **ONE** box each for Sam and Roy.

	Sam		Roy	
anxiety	<input type="checkbox"/>		anxiety	<input type="checkbox"/>
disbelief	<input type="checkbox"/>		disbelief	<input type="checkbox"/>
pessimism	<input type="checkbox"/>		pessimism	<input type="checkbox"/>
amusement	<input type="checkbox"/>		amusement	<input type="checkbox"/>
excitement	<input type="checkbox"/>		excitement	<input type="checkbox"/>

END OF PART 2

Part 3

Preparing for the future

(6 marks)

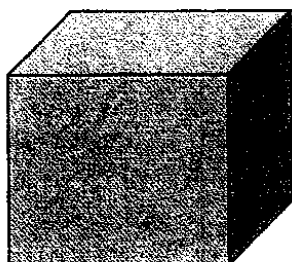
13. How Gaia followers feel about the various energy sources:

<p>Put numbers 1, 2, 4, and 5 to indicate how desirable each energy source is. Number 3 has been done for you. Use each number ONCE only.</p> <p>1 = the most desirable 5 = the least desirable</p>	
Hydrogen	
Natural gas	3
Wind power	
Solar energy	
Nuclear power	

14. Reasons why nuclear power is not popular:

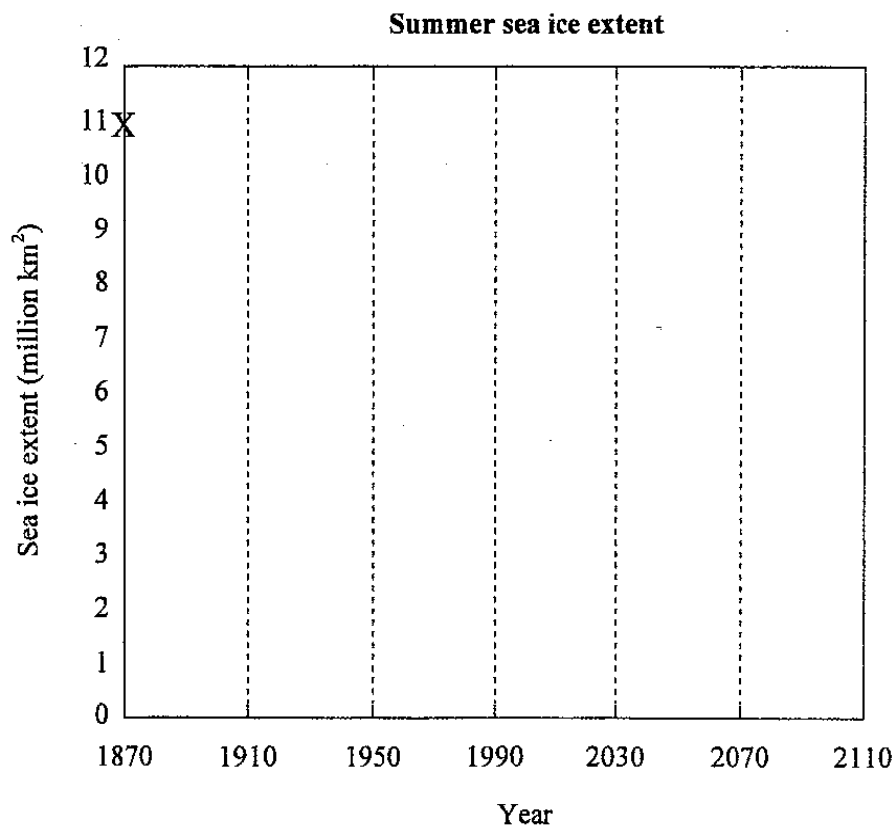
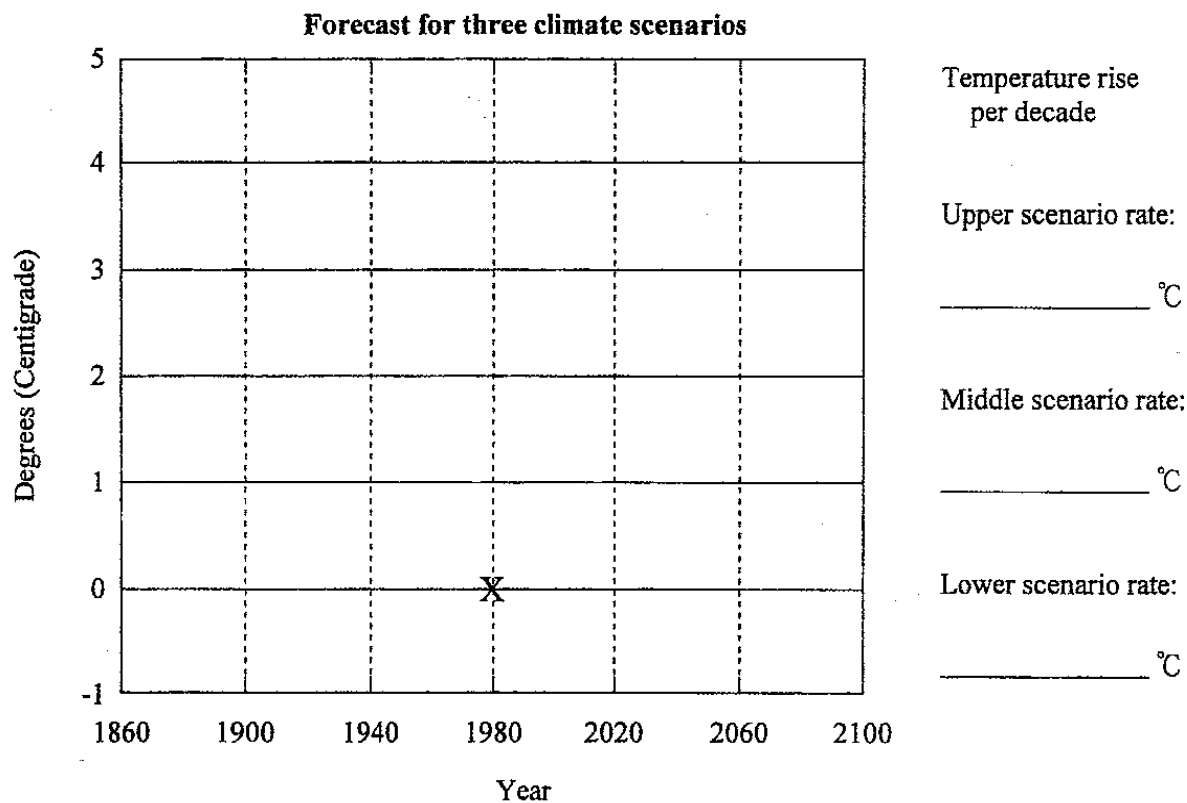
- (a) _____
- (b) _____
- (c) _____
- (d) _____

15. Complete the sentence.



The amount of waste generated each year by nuclear power stations would fill a _____ cube.

16. Forecasts for the future. Draw lines on the graphs as instructed.



17. How the human race can be saved:

- (a) _____
- (b) _____
- (c) _____
- (d) _____
- (e) _____
- (f) _____

18. What Rachel and Roy and other Gaia followers believe:

Circle True or False for the following statements.

Example: Environmental beliefs should not be questioned.

True

False

- | | | | |
|-----|---|------|-------|
| (a) | Protecting endangered animals is essential. | True | False |
| (b) | The human race will survive. | True | False |
| (c) | Organic farming is always human-friendly. | True | False |
| (d) | Forests should be grown on farmland. | True | False |

19. What the visitors feel about Gaian predictions for the future: *Tick ONE box each for Jo and Sam.*

	Jo		Sam
alarmed	<input type="checkbox"/>	alarmed	<input type="checkbox"/>
unconvinced	<input type="checkbox"/>	unconvinced	<input type="checkbox"/>
apathetic	<input type="checkbox"/>	apathetic	<input type="checkbox"/>
suspicious	<input type="checkbox"/>	suspicious	<input type="checkbox"/>
hopeful	<input type="checkbox"/>	hopeful	<input type="checkbox"/>

END OF TEST