

5
5عام الأسرة
YEAR OF FAMILY
PEL UAE

امتحان نهاية الفصل الدراسي الثاني 2026/2025

End of Term 2 Mock_Exam 2025/2026

	Student Number	رقم الطالب
	Student Name	اسم الطالب
	School	المدرسة
	Class	الصف
	Stream	المسار
	Subject	المادة

	Total	الدرجة الكلية
100		

المراجع Reviewer	المقدر Marker	
		Name الاسم
		Sign التوقيع

Dear Students	أعزاءنا الطلبة
Important Guidelines	إرشادات هامة

1

Check that the question booklet has the correct number of pages before you start.

تأكد من عدد أوراق
كتيب الأسئلة

2

Read the questions carefully and organize your thoughts before starting the answer

اقرأ الأسئلة جيداً
ورتب أفكارك قبل
البدء بالإجابة

3

Use a pencil to answer the question booklet

استخدم القلم الجاف
الأزرق في الإجابة على
كتيب الأسئلة

4

Review your answers before you submit and leave the exam venue

راجع اجابتك جيداً
قبل التسليم ومغادرة
القاعة الاختبارية

Part 1: Multiple Choice. Circle the correct answer.

Total: 60

Question

1

Choose which one is a material



- | | |
|---|--------|
| A | Sound |
| B | Light |
| C | Shadow |
| D | Glass |

Question

2

Which word best describes how something feels?



- | | |
|---|---------|
| A | Shape |
| B | Colour |
| C | Size |
| D | Texture |

Question

3

Choose the soft material.

- | | |
|---|----------|
| A | Metal |
| B | Glass |
| C | Tissue |
| D | Concrete |

Question

4

Which material soaks up water easily?



- | | |
|---|---------|
| A | Metal |
| B | Plastic |
| C | Sponge |
| D | Wood |

Question

5

Which surface will soak up water the fastest?



- | | |
|---|----------|
| A | Concrete |
| B | Soil |
| C | Plastic |
| D | Metal |

Question

6

Why must materials be tested before building?

- | | |
|---|------------------------------------|
| A | To change their colour |
| B | To make them softer |
| C | To make them lighter |
| D | To see if they are strong and safe |

Question

7

Assemble means to _____

- | | |
|---|------------------------|
| A | Take materials apart |
| B | Melt materials |
| C | Put materials together |
| D | Break apart materials |

Question

8

Your robot is broken and does not move.
What should you do first to fix it?



- | | |
|---|--|
| A | Assemble the robot to check the parts |
| B | Disassemble the robot to check the parts |
| C | Decorate the robot with stickers |
| D | Throw the robot away |

Question	9
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Why would someone take apart a robot before fixing it?

- | | |
|---|-------------------------|
| A | To decorate it |
| B | To play with it |
| C | To find the broken part |
| D | None of the above |

Question	10
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Which material is best for a strong bridge?

- | | |
|---|----------|
| A | Plastic |
| B | Paper |
| C | Sponge |
| D | Concrete |

Question	11
----------	----

When clay is pressed, what happens?



- | | |
|---|---------------------|
| A | It melts |
| B | It disappears |
| C | It changes shape |
| D | It becomes a liquid |

Question	12
----------	----

What happens when ice melts?

- | | |
|---|---------------------|
| A | It becomes a gas |
| B | It becomes a liquid |
| C | It becomes a gas |
| D | Nothing happens |

Question

13

Chocolate is heated by the sun.
Explain what happens to the chocolate?



- | | |
|---|-------------------|
| A | It grows bigger |
| B | It changes shape |
| C | It freezes |
| D | It stays the same |

Question

14

Why is plastic used to make raincoats?



- | | |
|---|---------------------------------|
| A | Water cannot pass through it. |
| B | It keeps people dry in the rain |
| C | It is waterproof |
| D | All of the above |

Question

15

Which material helps a toy boat float and not get wet?



- | | |
|---|---------------------------------------|
| A | Paper – it is light |
| B | Sponge – it absorbs water |
| C | Plastic – it is waterproof and floats |
| D | Cotton – it is soft |

Part 2: Free Response Questions

TOTAL: 40

Question

16

Look at each material.

Think about its properties and how it is used.

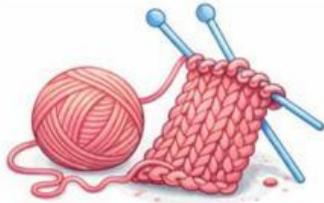
Draw a line to match the material to the correct use.



Used to make glass windows



Used to make clothes



Used to soak up water



Used to build roads



Used to shape and model objects

Question

17

Omar is making a bridge for heavy trucks.

a) Underline **TWO** materials that are best to use:

Concrete

Sponge

Paper

Metal



b) Complete the sentence below:

I chose _____ and _____ because

these materials are strong.

c) Explain your choice. (Provide a reason)

Question

18

Read the two materials. Tick the one that absorbs better.

Write **ONE** short reason.

Use the word box to help you.

soft	soaks up	stays dry	goes inside
stays on top	absorbs	waterproof	hard

a) A cup and a sponge get wet.

<input type="checkbox"/>	cup	<input type="checkbox"/>	sponge
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Provide a reason.

b) A tissue and plastic bag are put on a water spill.

<input type="checkbox"/>	plastic bag	<input type="checkbox"/>	tissue
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Provide a reason.

c) I step into a puddle wearing plastic boots and cotton clothes

<input type="checkbox"/>	plastic boots	<input type="checkbox"/>	cotton clothes
--------------------------	---------------	--------------------------	----------------

Provide a reason.

Question

19

Look at the picture.

Read each question carefully and write an answer for each question.



- a) Look at the clock. It is broken.

What should you do to fix it?

- b) The clock no longer works.

When should you disassemble the toy car?

- c) You take the clock apart.

Why do you do this?

- d) The clock is taken apart into many parts.

What can you do after you disassemble it?

Question**20**

Heating can change materials.

Choose **ONE** material and show how the material changes by drawing what happens before and after the change.

Material: Butter Or Ice

Before	After

Marking Rubric

Material shown	1 pt
Before state shown	1 pt
After state shown	1 pt
Change is clear	1 pt