

The first term English exam - Debt

Physics is not just a subject in a textbook; it is the science that explains everything happening around us. From the moment you wake up until you go to sleep, physics is at work. For example, when you walk, there is a force between your shoes and the floor called friction. Without friction, humans would slide and fall down constantly, like walking on ice.

Another important concept is gravity, which was famously studied by Isaac Newton. Gravity is the invisible force that pulls all objects toward the center of the Earth. It is the reason why an apple falls from a tree and why we stay on the ground instead of floating into space. Physics also explains how electricity works, allowing us to light our homes and use our smartphones.

Furthermore, the study of physics has led to great inventions. Transportation, such as cars, airplanes, and high-speed trains, relies on the laws of motion and thermodynamics. Even in medicine, doctors use machines like X-rays and MRI scanners, which are based on physical principles. Understanding physics helps scientists solve problems and create a better future for humanity.

I. Reading Comprehension (7 points)

1. Give a suitable title to the text. (1 pt)
2. Are these statements (True) or (False)? (3 pts)
Friction makes it difficult for us to walk on normal floors. [.....]
Gravity is a force that we can see with our eyes. [.....]
Medical machines like X-rays are related to physics. [.....]
3. Answer the following questions according to the text: (2 pts)
What would happen if there was no friction?
Why do objects fall toward the Earth?
4. Find in the text words that are opposite to: (1 pt)
Visible ≠
Past ≠

II. Mastery of Language (7 points)

1. Classify these words according to the pronunciation of the final "s": (2pts)
(Pots - Handles - Materials - Houses)

| | | |
|-----|-----|------|
| /s/ | /z/ | /iz/ |
| | | |

2. Put the verbs in the correct tense (Present Simple or Present Continuous): (3 pts)

Every day, the sun (provide) energy to the Earth.

Look! The scientist (conduct) a new experiment in the lab now.

Gravity (keep) the planets in their orbits.

3. Complete with (Therefore / Because /Although): (2 pts)

Copper is an excellent conductor; _____, it is used in high-quality pans.

The chef used a cloth _____ the handle of the old cast-iron skillet was hot.

III. Written Expression (6 points)

Topic: Physics has changed the way we live. Write a paragraph of 60-80 words about a specific invention based on physics (e.g., The Airplane, The Telephone, or The Lightbulb).

Use the following prompts:

What is the invention?

Who invented it (if known)?

How does it help us today? (fast travel, communication, light...)

Why is it important for our life?

The model correction for the first term English exam - Debt

I. Reading Comprehension (7 points)

1. Title of the text (1 pt): * Possible answers: The Importance of Physics / Physics in Our Daily Life / Understanding Physics.

2. True or False (3 pts):

Friction makes it difficult for us to walk on normal floors. **[False]** (Friction actually helps us walk without sliding).

Gravity is a force that we can see with our eyes. **[False]** (The text says it is an "invisible" force).

Medical machines like X-rays are related to physics. **[True]**

3. Answer the questions (2 pts):

What would happen if there was no friction?

If there was no friction, humans would slide and fall down constantly, like walking on ice.

Why do objects fall toward the Earth?

Objects fall toward the Earth because of gravity, which is the force that pulls all objects toward the center of the Earth.

4. Opposites (1 pt):

Visible Invisible

Past Future

II. Mastery of Language (7 points)

1. Pronunciation of final "s" (2 pts):

| | | |
|------|----------------------|--------|
| /s/ | /z/ | /iz/ |
| Pots | Handles Materials | Houses |

2. Verb Tenses (3 pts):

Every day, the sun provides energy to the Earth. (Present Simple - habit/fact)

Look! The scientist is conducting a new experiment in the lab now. (Present Continuous - happening now)

Gravity keeps the planets in their orbits. (Present Simple - scientific fact)

3. Connectors (2 pts):

Copper is an excellent conductor; Therefore, it is used in high-quality pans.

The chef used a cloth because the handle of the old cast-iron skillet was hot.

III. Written Expression (6 points)

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