



LYCEE D'EXCELLENCE

Année scolaire: 2017-2018.

Deuxième semestre.

Devoir: Anglais.

Coef; 2.

Durée. 2 heures

Level. 2nd.

A) comprehension: read the text then say if the sentences are true or false. 5pts

Force

We can describe a force only by its effects. It cannot be measured directly like a length. A force can start something moving. If we push against a small object it moves. A force can also stop something moving or hinder motion. If we brake a moving car it slows down and will eventually stop. Suspend a heavy mass from a copper wire. The wire extends, showing that a force can stretch a body. Forces may also compress, bend or even break an object.

A force can be one of attraction. The force of attraction exerted by the huge mass of the earth is called gravity. If we pick up a stone, then release it, it falls to the ground because of gravitational force. Gravity is an example of a natural force. Whether a force is naturally or deliberately exerted it cannot exist by itself. Forces must always occur in pairs, **never in isolation.**

When a force acts on a rigid body it is balanced by an equal reaction force which acts in the opposite direction. If a man stands on a slippery surface and brings a force to bear on a heavy load, the reaction force makes him slide backwards. Similarly if a man fires a rifle, the force which pushes the bullet forwards will be matched by a force which makes the gun push backwards against his shoulder.

Glendinning Eric H. English in Mechanical Engineering, P24

- 1- Length cannot be measured directly. F
- 2- A force can slow down a moving object.
- 3- A force cannot cause movement.
- 4- A body can be compressed by a force.
- 5- A heavy mass can exert a force.
- 6- Gravity is a force.
- 7- Deliberately exerted forces can exist alone.
- 8- Natural forces can exist alone.
- 9- Natural force can be measurable directly like length.
- 10- A force may happen in isolation.

II. Linguistic competence.

a) Put the verbs in the correct tense. 5pts

- 1- I (read) a book; aren't I?
- 2- A triangle (have) 3 angles.
- 3- He cannot help (laugh).
- 4- he will get his brother (wash) his car.
- 5- He had his car (wash).
- 6- He said they (visit) the museum the following day.
- 7- He made them (leave) soon.

8- They were made (leave) soon.

9- When we came the plane already (take off).

10- He asked if Fatl (wash) her clothes in two days' time.

b) Complete the sentences with the correct form. 5pts

1- The doctor didn't ----- the solution.

a- run over; b- get up; c- find out/

2- A plane is ----- expensive than a car.

a- much more; b- more much; c- much many.

3- The weather is getting ----- every day.

a- More and more warm; b- warmer and warmer; c- much and more warm.

4- They have been here ----- October.

a- for; b- since; c- ago.

5- there is ----- chance of finding him.

a- little b- few c- many d- a lot

III Writing - make a paragraph of about 75 words by answering these questions about electricity. 5pts

1- Is there enough electricity for everybody in your country?

2- Is it expensive? Why or Why not?

3- How can the government help?