

Full Name:

Group:

Signature:

Task N°1 (06 pts): Fill in the paragraph below with the appropriate words from the following list. Not all the words can be used.

1. quantity

2. applied

3. motion

4. gravitational

5. physically

6. accelerate

7. separation

8. result

9. rest

“In physics, a force is any interaction that will change the of an object. A force can cause an object with mass to change its velocity, which includes beginning moving from a state of i.e. to A variety of force types were placed into two broad categories on the basis of whether the force resulted from the contact or non-contact of the two interacting objects.

The contact forces are those types of forces that when the two interacting objects are perceived to be contacting each other. Examples of contact forces include frictional forces, tensional forces, normal forces, air resistance forces, and forces.

The second category is known as action-at-a-distance forces. These are forces that result even when the two interacting objects are not in physical contact with each other, yet are able to exert a push or pull despite their physical Examples of action-at-a-distance forces include forces.”

Task N°2 (04 pts): Identify the category of the underlined words in each of the following sentences: determiners (D), nouns (N), verbs (V), adjectives (Adj) and adverbs (Adv)

Example: All the scientific disciplines are equally interesting.

D D Adj N V Adv Adj

a. The particles of a solid are packed closely together.

b. Gases expand to fill the size and shape of their container.

Task N°3 (04 pts): Complete the sentences below using the correct preposition from the following list:

“to – of – below – with – by – above”

- One Newton is the amount ____ force required to give a 1-kg mass an acceleration of 1 m/s².
- When a liquid is cooled ____ its freezing point, it solidifies.
- The beaker is a generally cylindrical container ____ a flat bottom
- Magnetic forces also belong ____ the action-at-a-distance forces.

Task N°4 (03 pts): Complete the sentences below using the appropriate helping verb from the following list:

“will – may – can – have – Do – are”

- I ____ worked hard in order to pass the exam.
- A solid ____ transform into a liquid through melting.
- ____ you know the name of the process through which gaseous matter is liquefied?
- Physics ____ be one of the oldest academic disciplines.

Task N°5 (03 pts): Fill in the blanks with the appropriate pronoun:

- Matter is defined as that which occupies space and possesses mass. ____ has three distinct physical states.
- He did the work by _____.
- _____ sent the results of the experiment to their teacher.
- _____ were all waiting for _____, but _____ did not come to revise with us.

Good Luck!

Full Name:Group:Signature:

Task 1 (06 pts): Fill in the paragraph below with the appropriate words from the following list. Not all the words can be used.

Each word = 0.75 pts

“In physics, a force is any interaction that will change the **motion** of an object. A force can cause an object with mass to change its velocity, which includes beginning moving from a state of **rest** i.e. to **accelerate**. A variety of force types were placed into two broad categories on the basis of whether the force resulted from the contact or non-contact of the two interacting objects.

The *contact forces* are those types of forces that **result** when the two interacting objects are perceived to be **physically contacting** each other. Examples of contact forces include *frictional forces*, *tensional forces*, *normal forces*, *air resistance forces*, and **applied** forces.

The second category is known as *action-at-a-distance forces*. These are forces that result even when the two interacting objects are not in physical contact with each other, yet are able to exert a push or pull despite their physical **separation**. Examples of action-at-a-distance forces include **gravitational** forces.”

Task 2 (04 pts): Identify the type of the underlined words in each of the following sentences: determiners (**D**), nouns (**N**), verbs (**V**), adjectives (**Adj**) and adverbs (**Adv**)

Example: All the scientific disciplines are equally interesting.
D D Adj N V Adv Adj

Each word = 0.25 pts

a. The particles of a solid are packed closely together. (2)

D N D N V Adj Adv Adj

b. Gases expand to fill the size and shape of their container. (2)

N V V D N N D N

Task 3 (04 pts): Complete the sentences below using the appropriate preposition:

Each preposition = 1 pts

- One Newton is the amount **of** force required to give a 1-kg mass an acceleration of 1 m/s².
- When a liquid is cooled **above** its freezing point, it solidifies.

- c. The beaker is a generally cylindrical container **with** a flat bottom
- d. Magnetic forces also belong **to** the action-at-a-distance forces.

Task 4 (03 pts): *Complete the sentences below using the correct helping verb:*

Each verb = 0.75 pts

- a. I **have** worked hard in order to pass the exam.
- b. A solid **can** transform into a liquid through melting.
- c. **Do** you know the name of the process through which gaseous matter is liquefied?
- d. Physics **may** be one of the oldest academic disciplines.

Task 5 (03 pts): *Fill in the blanks with the appropriate pronoun:*

Each pronoun = 0.5 pts

- a. Matter is defined as that which occupies space and possesses mass. **It** has three distinct physical states.
- b. He did the work by **himself**.
- c. **They** sent the results of the experiment to their teacher.
- d. **We** were all waiting for **(you/him/her/them)**, but **(you/he/she/they)** did not come to revise with us.

Good Luck!