

<i>To be completed by the Jury. Participants are not allowed to make notes!</i>						
CODE	Part1 Max 60		Part 2 Max 40			Total points
	Task 1	Task 2	Task 1	Task 2	Task 3	
	Max 30	Max 30	Max 10	Max 10	Max 20	Max 100

PHILOSOPHY

11th Grade Variant 1

to be completed within 120 minutes

Maximum score - 100 points

Part 1. (maximum grade - 60 points)

Contemporary philosophers often engage in thought experiments in order to verify their own hypotheses, refute their opponents or find new solutions to well-known problems. Please consider a famous thought experiment below. Read the text and answer the questions.

Task 1. (30 points)

Imagine that you have just entered a teleportation device – a machine that can move any object to another place at the speed of light. The teleporter operates without violating the fundamental laws of physics – it doesn't so much move matter as takes a digital copy of the object being transported. On the basis of this digital code, an exact copy is assembled at the point of destination, with all of its internal contents and outward appearance intact. The original object is immediately destroyed after its copying. When going into the teleportation device, a person feels nothing and appears in a new place instantly, retaining the same experience, memories and personality. However, such a traveler is technically not the same person who just entered the teleporter, even though they don't differ from their "predecessor" in any way. So, for instance, you enter the device on Earth, and then, after a few seconds, you are on Mars.

But consider the following: the teleporter has experienced a malfunction and it didn't destroy the original object after its copy was made.

Where would you appear if you used such a malfunctioning teleporter: Earth, Mars, or somewhere else? If two people had the exact same body and the exact same memories, would

Task 3. (20 points)

Four highly esteemed professors teach at a university – Denrat, Scain, Pressen, and Noibit. One of them is a historian, the other – a philosopher, the third – a sociologist, and fourth – an economist. Tomorrow, the university’s rector will be presenting awards to them at a special ceremony. However, owing to a short-term memory loss, he has completely forgotten who is who and what their individual specializations are.

In order to get out of this potentially embarrassing situation, the rector asked each of the professors separately who is who. This is what they told him:

- Denrat: “I am an economist or a sociologist”
- Pressen: “The historian is Scain or Denrat”
- Noibit: “Scain is a sociologist”
- Scain: “Noibit is a philosopher”

Unfortunately, these statements are useless, if one doesn’t know who of the professors is telling the truth and who’s lying. The only key to this brainteaser is that you know for sure that *only the historian told the truth*.

Explain who is who. Justify your answer relying on logical arguments.
