

الإسم:
الرقم:

مسابقة في مادة الفلسفة والحضارات
المدة: ساعتان

Choose one of the following subjects:

First Subject:

The hypothesis enlightens the way for the scientist to explain natural phenomena.

- 1- Explain this judgment and state the problematic it raises. **(9 points)**
- 2- Discuss this judgment in light of other theories. **(7 points)**
- 3- Do you think that science has positively changed the life of man?
Justify your answer. **(4 points)**

Second subject:

Imagination is a reproduction of images previously perceived and stored in the mind.

- 1- Explain this judgment and state the problematic it raises. **(9 points)**
- 2- Discuss this judgment in light of other theories. **(7 points)**
- 3- Do you think that imagination can free man from the restraints of reality?
Justify your answer. **(4 points)**

Third Subject: text

The principles of mathematics are born in the core of reason; they are pure creation of the mind. They have *a priori* quality (prior to experience), and they are not something outside the movement of reasoning which provided them with their entity. Nothing in the outside world conforms exactly to these principles. Even if we ignore pure mathematics, which is highly abstract and is dismissed from the empirical explanations, yet we can assert that the number, the form, and the straight line do not exist in reality; consequently, they cannot be objects of perception due to their rational perfection. Mathematical entities are seized by rational intuition, and not by perception or a direct sensory intuition. We can consider that geometry is the art of sound thinking even if it is based on a wrong form: the point, the line and the surface must break every connection with the sensory given. Their rational perfection excludes any kind of material deformation.

HILBERT

- 1- Explain the ideas of the text and state the problematic. **(9 points)**
- 2- Discuss the ideas of the text in light of other theories. **(7 points)**
- 3- Do you think that a mathematician is in need of philosophy?
Justify your answer. **(4 points)**