

International Institute of Information Technology, Hyderabad

Course Name: Thinking and Knowing in the HS-1

Course Code: H102

Semester Name: Spring 2024

Max. Marks: 10

Duration: 45 mints

Date: 30.01.2024

1. Find out the fallacy in the following argument and re-write in its valid form (1 x1=1)
 - a. Some students are male.
 - b. Some students are adult.
 - c. Therefore, some adults are male.
2. Write down a deductive categorical syllogism. Please specify the major, minor and middle term while writing the syllogism. (1x1=1)
3. Each of the following contains a single argument. Using the letters P and C, identify the premises and conclusion of each argument, writing premises first and conclusion last. (1x1=1)
 - a. Since private property helps people define themselves, since it frees people from mundane cares of daily subsistence, and since it is finite, no individual should accumulate so much property that others are prevented from accumulating the necessities of life.
4. If an universal affirmative proposition(A), 'All balls are red' is True then what will be the truth value of the statements E, I and O? Explain and illustrate with the help of Square of Opposition with special reference to the relationship between A&E and I&O.(1x2=2)
5. Answer the following in 500 words (1x5=5).

"Similarly, Euclid trying to find the proof of a new theorem is working on a higher accomplishment-level than Euclid trying to

teach students his proof when he has got it; and trying to teach it is a task on a higher accomplishment-level than that on which his students are working in trying to master it.

None the less it may still be true that the only thing that, under its thinnest description, Euclid is here and now doing is muttering to himself a few geometrical words and phrases or scrawling on paper or in the sand a few rough and fragmentary lines. This is far, very far from being all that he is doing; but it may very well be the only thing that he is doing. A statesman singing his surname to a peace-treaty is doing much more than inscribe the seven letters of his surname, but he is not doing many or any more things. He is bringing a war to a close by inscribing the seven letters of his surname."

Write a critical essay on the paragraph based on your reading of Gilbert Ryle's essay, 'The Thinking of thoughts: What is Le Penseur doing'?