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PAPER: LOGIC AND

CRITICAL THINKING

\*\*\* QUESTIONS \*\*\*

\* QUESTIONS #1

What is logic. Explain its relationship with critical thinking?

\* ANSWER #1

LOGIC :

Logic is a tool to develop reasonable conclusion based on a given set of data. Logic is free of emotion and deal very specifically with information in its purest form. There are many subsets in the study of logic including informal logic, formal logic, symbolic logic and mathematical logic.

\* RELATIONSHIP BETWEEN LOGIC AND Critical Thinking:

Critical Thinking, is in part finding holes in the logic presented. This can be best understood with an example.

I don't care what you say, we don't need to take the car to the mechanic because the engine is knocking. As long as the car starts, that's all that matters.

It is illogical to say that the car doesn't need to be taken to a mechanic just because it starts. Starting the car doesn't mean there isn't a problem with the engine or that it shouldn't be looked over by a mechanic. This is known as non sequiters, or information that doesn't follow the premise or the conclusion.

\* QUESTION #2

DESCRIBE only two skills of critical thinking?

\* ANSWER #2

\* Skills of critical thinking

1). DETERMINING RELEVANCE:

ONE OF the most challenging PARTS of thinking critically during a challenging scenario is figuring out what information is the most important for your consideration. In many scenarios

you'll will be presented with information that may seem important but it may pan out to be only a minor point to consider.

## 2) - IDENTIFYING BIASES:

this skill can be exceedingly difficult as even the smartest among us can fail to recognize biases. Strong critical thinkers do the best to evaluate information objectively. Think to yourself as a judge in that you want to evaluate the claims of both sides of an argument, but you'll also need to keep in mind the biases each side may possess. It is equally important to learn how to set aside your own personal biases that may cloud your judgement. Have the courage to debate and argue with our own thoughts and assumptions. pota fka encourages. This is essential for learning to see things from different view points.

### \* QUESTION # 3

What is the difference between Logic and Critical thinking?

### \* ANSWER # 3

#### \* LOGIC

What is good reasoning and what is BAD reasoning.

\* The Science of how to evaluate argument and reasoning.

\* With the help of principles and criteria that a person use to evaluate good and BAD reasoning.

\* Logic is a way of thinking clearly and basing your reasoning on objective fact which is used in practicing philosophy.

\* It is a standard by we measure the quality of thinking.

\* Logic allows us to judge whether our thinking is coherent (OR) not.

## \* CRITICAL THINKING:

CRITICAL thought is a process which allows you to examine and eliminate possibilities whatever is left, no matter how improbable is most likely the ANSWER.

it say that the logical question posed do not necessary reflect any form of intelligent as it may well reflect a board general knowledge (OR) DUMB luck in picking the right mutiple choice ANSWER

$1+1=2$  This is Logic

CRITICAL Thinking would say "it depends on what the mathematical equation represents.

if it is  $1(\text{LION}) + 1(\text{GOAT})$  It would = 0

① critical thinking means for seperating truth from false hood and reasonable from unreasonable beliefs.

② It frequently Involves finding flaws in the arguments of others.

③ CRITICAL thinking is about making sure the connection between those things are legitimate, and if not disconnecting them.