

## **Assignment Ch#1**

### **Critical Thinking and Problem Solving.**

#### **Questions:**

1) Briefly describe critical thinking and explain with examples why it is different from normal thinking.

#### **Answer :**

Every human being is capable of thinking, but few are able to practice critical thinking.

Critical thinking can be referred to a method of questioning or interrogation which aimed to ascertain the true extent of a person's knowledge on a given subject. Moreover, Critical thinking is self-guided, self-disciplined thinking which attempts to reason at the highest level of quality in a fair-minded way. People who think critically consistently attempt to live rationally, reasonably, and empathically.

**Critical thinking is different from normal thinking thinking because of the following reasons:**

- Ordinary thinkers accept fact or realities without examination or analysis. The ordinary thinker accepts these as facts. The Critical thinker asks a lot of questions, takes time does not jump to conclusions and becomes aware of alternatives.
- Ordinary thinkers do not seek evidence to challenge beliefs. In contrast a critical thinker asks questions, evaluates the arguments, and assesses the facts. A critical thinker is active, skillful, and applies principles of thinking that are required to get to the truth.
- To illustrate, imagine a person at a bookstore. This person can pick out a book and think that the book is good upon first impression. A critical

thinking person would open the book, read some passages, and read about the author before actually deciding whether to buy the book or not.

2) Elaborated the six levels of cognitive domain in Bloom's taxonomy.

**Answer:**

**The six levels of cognitive domain in Bloom's taxonomy are as follows:**

➤ **Knowledge:**

It is the lowest level in the cognitive domain. In terms of the taxonomy, it refers to the ability to recall ideas.

➤ **Comprehension:**

The word "comprehension" means "understanding". So to understand something means to comprehend it.

For instance : Compare your favourite food with that of the person sitting next to you. How are they different or similar?

➤ **Application:**

It is the third-lowest level in the domain. It refers to the ability to use acquired knowledge in new situations, whether to solve problems or otherwise.

For instance:

What are the ingredients needed to make your favourite food and how do you make it?

➤ **Analysis:**

It is the third-highest level in the cognitive domain. It refers to the ability to examine and subsequently split information into parts.

For instance:

What is the best food in the entire world? Explain why you think so and provide evidence to support your claim.

➤ **Synthesis:**

It is the second-highest level in the domain. It refers to the ability to compile information by combining ideas in a variety of patterns or proposing alternative solutions to problems.

For instance:

Not everyone likes the same type of food. How would you convince someone to like the same food that you like?

➤ **Evaluation:**

It is the highest level in the cognitive domain. It refers to the ability to present ideas and defend them by judging their validity or quality.

For instance:

What are the ways in which your favourite food can be improved?

3) Use your critical thinking to solve this problem of finding a job after study.

**Answer :**

After the completion of the study, Everyone wants to get a job so as to make their life standard, and also to fulfill some needs and demands of the family.

Nevertheless, this is not possible until and unless we don't make a pertinent plan.

Therefore, a better plan and strategy can directly or indirectly assist you to get an appointment in some of the better companies.

Being an IT guy, I will take some modern training courses in some of the popular institutes regarding my enthusiasm. Moreover, I will also start some of the small business with a small investment that suits me. In addition to this, I will also invest some of them to share market which is recently growing these days.

## **Assignment Ch#2**

### **Arguments (Premises and Conclusions)**

1) What is argument and what are its characteristics?

**Answer:**

An argument refers to a series of statements. The statements consist of the premises (sometimes known as the reasons) and conclusions of the argument in question.

**Arguments have the following characteristics as follows:**

- They have intent. Those providing the arguments seek to persuade us to come around to their way of thinking and expect a reaction in return.
- They vary in quality. The true quality of an argument may be ascertained through critical thinking.
- They have two essential visible components, i.e. premises and a conclusion. Failure to identify either component will compromise the subsequent evaluation of the argument.

2) Describe descriptive and prescriptive premises with example.

**Answer :**

**Descriptive Premises:**

It tells how language is used not by how the language should be used. Here, the language is used and then the rules are formed. A descriptive premise is a study of a language's structure and norms as they are used in everyday life by speakers from all walks of life, including both standard and nonstandard varieties.

For example:

The mug of coffee in front of me is now at room temperature.

**Prescriptive Premises:**

It describes how the language should be used. It follows a set of rules. These are the rules that should be followed and should meet the language standards. It separates good and bad premises.

For Example:

That was a really stupid thing to do

3) In the following jumbled up sentence, find premise and conclusion. Also, put the sentence in order so that it makes absolute sense.

A) The government has asked people to wear mask and wash hands frequently to be safe from the virus B) The pandemic Covid-19 has ravaged the world as it is spreading like a wild fire. C) Studies show that, it has already reached more than 210 countries D) Therefore, people should take extra precaution) A lot of people have died amid the outbreak of this pandemic. F) This virus is very dangerous.

**Answer:**

**Premises:**

- a. To be safe from the virus.
- b. It is spreading like a wild fire.
- c. A lot of people have died amid the outbreak of this pandemic.
- d. This virus is very dangerous.

**Conclusion:**

- a. The government has asked people to wear mask and wash hands frequently.
- b. The pandemic Covid-19 has ravaged the world.
- c. Therefore, people should take extra precaution.

**The above sentence in order are:**

The pandemic Covid-19 has ravaged the world as it is spreading like a wild fire. F) This virus is very dangerous. E) A lot of people have died amid the outbreak of this pandemic. C) Studies show that, it has already reached more than 210 countries. A) The government has asked people to wear mask and wash hands frequently to be safe from the virus. D) Therefore, people should take extra precaution.

