

## PART-A COMMUNICATION SKILLS -I

I Answer the following :

1. Define the term communication.  
→ The word 'communication' is derived from Latin word 'communicare' meaning 'to share'.  
→ It is defined as a way of conveying a meaningful message from one entity to another in the form of signs, symbols, behaviour using verbal and non-verbal skills.
2. Write two differences between oral and written communication.

Oral communication	Written communication
It is communication using spoken words.	It is communication using written words.
It can be direct face to face conversation or telephonic conversation.	It is a process of sending short messages through phones, writing letters, sending emails, making notes or writing down speech to communicate.

3. What are the basic elements of communication? Explain them.

The basic elements of communication are Sender, Ideas/messages, communication channel, Receiver, feedback.



Sender - The Sender sends a message either in the form of giving information or asking for information.

Ideas/Messages - This message can be form of an idea or any information a sender wishes to convey or asking for information from the receiver.

Communication channel - It is the medium through which a message can be sent. It can be through oral, written or visual methods.

Receiver - A receiver can be any person, group or an organisation who interprets the message conveyed by a sender.

Feedback - It is the receiver's acknowledgement and response to the message for ensuring that they understood each other correctly.

#### 4. Discuss effective ways of communication.

In order to ensure the communication is effective and engaging, we need to have a clear vision of TC's as discussed below.

Clear - The content of the message you wish to communicate should be straight and clear so that it is easy to understand and interpret correctly.



**Concise** - The message should be short and precise. Instead of using long sentences or paragraphs we should focus on short sentences to convey our message.

**Concrete** - The content is clear in words with the direct focus on the message.

**Correct** - Use of correct words, sentences grammar of whichever language you follow to communicate.

**Coherent** - The content of the message should stick to the topic and should flow in a sequence that makes sense.

**Complete** - The message should be complete with all the required information for a necessary action.

**Courteous** - Messages should be ethically and politely conveyed with no hidden insult and aggravated tone.



## PART-B Subject Specific Skills

UNIT-1

### AI Reflection, Project Cycle and Ethics

I Answer the following:

1. List the categories in which the AI Systems are classified.

AI can be classified into three categories:

Weak AI

Strong AI

Super AI

2. What is the concept of computer vision?

Computer vision is used to train computers to read, process and analyse visual data in the same way as humans do.

3. What is Natural Language Processing?

NLP is the ability of machines to read, understand, and analyse meaning from human language.

4. Name the three domains of AI

The three domains of AI are

→ Data Statistics

→ Computer Vision

→ Natural Language Processing

5. what do you understand by the evaluation stage of the AI project cycle?

Evaluation is a process that critically examines a program. It involves collecting and analysing information about a program's activities, characteristics and outcomes.