

SESSION : 1

CLASS : 5

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 10

CHAPTER NAME : COMMUNICATION

SUBTOPIC : INTRODUCTION, COMMUNICATING WITH INDIVIDUALS

CHANGING YOUR TOMORROW

LEARNING OBJECTIVES:

Enable the learner to know about:

- **Meaning of communication.**
- **Communication used by early humans.**
- **Meaning of individual communication or personal communication.**

Introduction

Communication

Communication is sending and receiving information between two or more people through different ways like speech, writing, sign, gesture, signals, pictures etc.



History of communication

Some of the oldest forms of human communication include making sounds, drawing, painting, dancing, acting, and using symbols. Slowly they developed speech, languages and scripts. Modes of sending messages over long distances in ancient time

- Talking drums
- Smoke signal
- Runners
- Horse riders
- Pigeons
- Cave painting



Drawbacks

- **It takes several days for messages to reach their destination.**
- **However, communication has been completely transformed.**
- **Today we can send and receive messages instantly, even to people who live in distant corners of the Earth.**
- **Distances have shrunk so much that we are said to be living in a global village.**

Communication can be of different types

- Personal Communication
- Mass Communication

Personal Communication/Communication with individuals

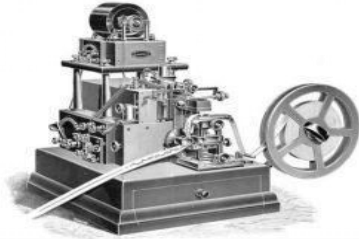
Personal communication is between person to person, and it is the necessary communication between two people making man a social animal. Like

- Face-to-face interaction
- Sending letters and parcels



Means of personal communication are:-

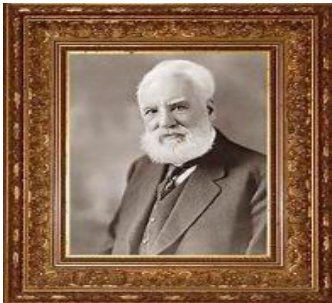
- Telegraph (by Samuel Morse in America in 1838)



- Fax (In 1843 by Alexander Bain)



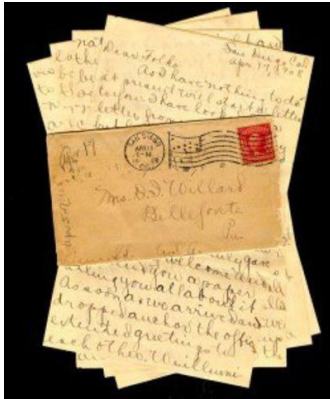
- Telephone (by Alexander Graham Bell in 1876)



- Mobile phone (On April 3, 1973 by Martin Cooper, a Motorola researcher)



- **Letters**



- **E-mail**
- **Video calling through Skype, Facetime over computers or smartphones**
- **Social networking sites like Facebook, Instagram and Twitter**

SUMMING UP

Communication :-

Communication is sending and receiving information between two or more people through different ways like speech, writing, sign, gesture, signals, pictures etc.

History of communication:-

- Talking drums
- Smoke signal
- Runners
- Horse riders
- Pigeons
- Cave painting

SUMMING UP

Communication can be of different types:

- Personal Communication/communication with individuals
- Mass Communication

Personal Communication/Communication with individuals

- Face-to-face interaction
- Sending letters and parcels

Means of personal communication are:-

- **Telegraph (by Samuel Morse in America in 1838)**
- **Telephone (by Alexander Graham Bell in 1876)**
- **Fax (In 1843 by Alexander Bain)**
- **Mobile phone (On April 3, 1973 by Martin Cooper, a Motorola researcher)**
- **Letters**
- **Mail**
- **Video calling through Skype, Facetime over computers or smartphones**
- **Social networking sites like Facebook, Instagram and Twitter**
- **E-mail**

QUIZ

[https://quizizz.com/admin/quiz/
6169ae4a1b984c001d1d4c4e](https://quizizz.com/admin/quiz/6169ae4a1b984c001d1d4c4e)

QUESTIONNAIRE:

Fill in the blanks:

1. The exchange of messages or information between people is called communication.
2. Early humans communicated through body.
3. The way a language is written is called scripts.
4. People, who cannot speak and hear communicate through sign language.
5. Communication can be of different types, personal communication and mass communication.

HOMEWORK:

Write words to remember in the notebook.

LEARNING OUTCOME:

By the end of the class, learners will be able to know:

- **Meaning of communication.**
- **Communication used by early humans.**
- **Meaning of individual communication or personal communication.**

THANKING YOU
ODM EDUCATIONAL GROUP

SESSION : 2

CLASS : 5

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 10

CHAPTER NAME : COMMUNICATION

SUBTOPIC : MASS COMMUNICATION

CHANGING YOUR TOMORROW

LEARNING OBJECTIVES

Enable the learner to know about:

- Meaning of communication.
- Meaning of mass communication.

RECAPITULATION

Communication can be of different types:

- **Personal Communication/communication with individuals**
- **Mass Communication**

Means of personal communication are:-

- **Telegraph (by Samuel Morse in America in 1838)**
- **Telephone (by Alexander Graham Bell in 1876)**
- **Fax (In 1843 by Alexander Bain)**
- **Mobile phone (On April 3, 1973 by Martin Cooper, a Motorola researcher)**
- **Letters**
- **E-mail**
- **Video calling through Skype, Facetime over computers or smartphones**
- **Social networking sites like Facebook, Instagram and Twitter**

COMMUNICATION

Communication can be of different types:

- **Personal Communication/communication with individuals**
- **Mass Communication**

MASS COMMUNICATION:

Mass communication refers to the transmission of information to a large number of people at the same time. It takes place through mass media and social media.

JAGDISH CHANDRA BOSE



Mass media:-

Mass media are not interactive. For example:-

Newspaper (Johann Gutenberg- printing press)

Periodicals (daily, weekly, monthly magazines)

Books

Advertisements

Radio (Nikola Tesla in 1893 and Guglielmo Marconi in 1896)

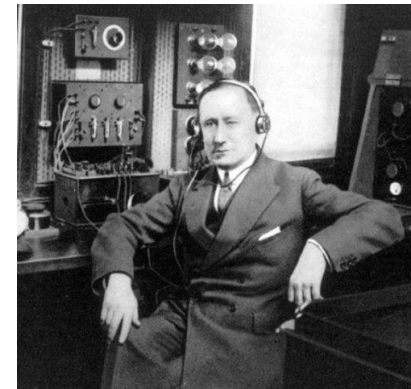
Television (John Logie Baird in 1926)

Cinema (silent movie in India in 1913-Raja Harishchandra)

(sound movie in India in 1931-Alam Ara)

(sound movie or talkies)

GUGLIELMO MARCONI



Social media:

Social media is a means of mass communication that uses the internet to connect to a large audience. It is interactive.

For example:-

- Blogs
- You tube
- Video logs
- Podcasts
- Chat rooms



FIRST SILENT MOVIE OF INDIA

<https://youtu.be/DWV/kCkmDEEk>

FIRST SOUND MOVIE OF INDIA

<https://youtu.be/19VYN2TiM9M>

SUMMING UP

Communication can be of different types:

- Personal Communication/communication with individuals
- Mass Communication

MASS COMMUNICATION:

Mass communication refers to the transmission of information to a large number of people at the same time. It takes place through mass media and social media.

- Mass media
- Social media

QUESTIONNAIRE:

Fill in the blanks:

- a. The way a language is written is called script.
- b. Transmission of information to a large number of people at the same time is mass communication.
- c. SMS is used to send short text.
- d. The first revolution in the field of personal communication is telephone.
- e. Radio means of mass communication can reach remote areas.
 - a. E-mail is a letter sent through internet.
 - b. Johann Gutenberg invented printing press.
 - c. The internet consists of a global network of interconnected computers.

HOMework

Landline telephones are not used as much today as they were 20 years back. Why? Write in the project record. (paste a picture or origami of landline phone)

LEARNING OUTCOME:

By the end of the class, learners will be able to know:

- **Meaning of communication.**
- **Meaning of mass communication.**

THANKING YOU
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SESSION : 4

CLASS : 5

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 10

CHAPTER NAME : COMMUNICATION

SUBTOPIC : SHORT QUESTION AND ANSWER

CHANGING YOUR TOMORROW

LEARNING OBJECTIVES

Enable the learner to know about:

- How much they have gained the knowledge about the topic.
- All the details about communication.

How communication satellite works?

<https://youtu.be/hXa3bTclGPU>

Did you know?

- Fortnightly newspapers comes once in fifteen days.
- An air letter to other countries is called an Aerogramme.
- Ray Tomlinson invented E-mail.
- Website is a location connected to the internet which consists of documents.
- The highest altitude post office in the world is in Hikkim, in Himachal Pradesh.

SHORT QUESTION AND ANSWER

A. Identify The means of communication from the following clues.

1. Copies of documents sent through this machine reach instantly: Fax machine
2. The most popular method of sending spoken messages: Telephones
3. You require a computer and an Internet connection to send such messages: E-mail
4. The cheapest means of mass communication: Radio
5. The most popular means of mass communication: Television
6. Information Superhighway: The Internet
7. Documentary films: Cinema

B. Write T for true and F for false sentences.

1. Mass communication became possible after printing was invented. **T**
2. E-mail is delivered to the receiver as fast as a copy of a document sent through a fax machine. **F**
3. The most popular means of mass communication is the television. **T**
4. Television signals are sent to far away places through satellites. **T**
5. The Internet cannot be used for mass communication. **F**

Multiple choice questions.

1. Which of these is a method of mass communication?

- a. Letter b. telephone **c. radio** d. e-mail

2. Which of these is known as the Information Superhighway?

- a. Television **b. internet** c. radio d. all of these

3. Who invented printing?

- a. **Johann Gutenberg** b. Guglielmo Marconi c. John
Logie Baird d. Alexander Graham Bell

4. Which of these is used both for individual communication as well as for mass communication?

- a. Radio b. television **c. internet** d. all of

LONG QUESTIONS AND ANSWERS.

C. Answer the following questions.

1. How did early humans communicate with each other?

ANS. Early humans use sign language to communicate with each other. Messages were sent over long distances through pigeons, horses, talking drum, smoke signal, runners, pigeons, cave painting and whistling.

2. What made it possible for humans to become better communicators than animals?

ANS. Humans have superior intelligence. That is why they were able to develop language and then writing to communicate. This has enabled humans to communicate better with each other. This is how superior intelligence has made it possible for humans to become better communicators than animals.

3. What is mass communication?

ANS. When an idea is communicated to many people at the same time it is known as mass communication. For example, books, magazines and newspapers communicate an idea to several people at the same time.

4. List three means by which you can send a written message to another person.

ANS. Three means by which we can send a written message to another person are - i. Letters ii. Fax iii. E-mail

HOMEWORK

Do the short question and answer in the notebook.

LEARNING OUTCOME

By the end of the class, learners will be able to know:

- **How much they have gained the knowledge about the topic.**
- **All the details about communication.**

THANKING YOU
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GROUP

SESSION : 3

CLASS : 5

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 10

CHAPTER NAME : COMMUNICATION

SUBTOPIC : SATELLITE COMMUNICATION

CHANGING YOUR TOMORROW

LEARNING OBJECTIVES

Enable the learner to know about:

- **Meaning of communication.**
- **Types of communication.**
- **Importance and uses of satellite communication.**

RECAPITULATION

Communication can be of different types:

- **Personal Communication/communication with individuals**
- **Mass Communication**

MASS COMMUNICATION:

Mass communication refers to the transmission of information to a large number of people at the same time. It takes place through mass media and social media.

- **Mass media**
- **Social media**

SATELLITE COMMUNICATION

As earth is sphere in shape sending radio and television signals around the world was a problem. So, in order to overcome this communication satellite were developed.

FIRST COMMUNICATION SATELLITE

Telstar 1 was a communications satellite launched by NASA on July 10, 1962, it was the satellite that allowed the first live broadcast of television images between the United States and Europe.



TELSTAR
First communication satellite

FIRST COMMUNICATION SATELLITE OF INDIA

- Ariane Passenger Payload Experiment, (APPLE) was an experimental communication satellite successfully launched by Ariane-1, from Kourou, French Guiana on June 19, 1981, exactly 35 years back, marking an important milestone in India's space programme.
- APPLE was dedicated to the Nation on August 13, 1981 by then Prime Minister Mrs.Indira Gandhi.



A geostationary satellite is an earth-orbiting satellite, placed at an altitude of approximately 35,800 kilometers directly over the equator.

Impact of satellites on communication

- **Direct telecast of cricket matches and award ceremonies.**
- **Variety of television channels**
- **Functioning of internet**
- **Telephone conference calls**
- **Video conferencing**

Satellites have made television one of the most popular means of mass communication. Thus, by ensuring that distance does not matter, modern means of communication have virtually reduced the world to a global village.

SUMMING UP

- Communication Satellite.
- World's first communication satellite - TELSTAR
- India's first communication satellite - APPLE

Impact of satellites on communication

- Direct telecast of cricket matches and award ceremonies.
- Variety of television channels
- Functioning of internet
- Telephone conference calls
- Video conferencing



TELSTAR
First communication satellite



SHORT QUESTION AND ANSWER

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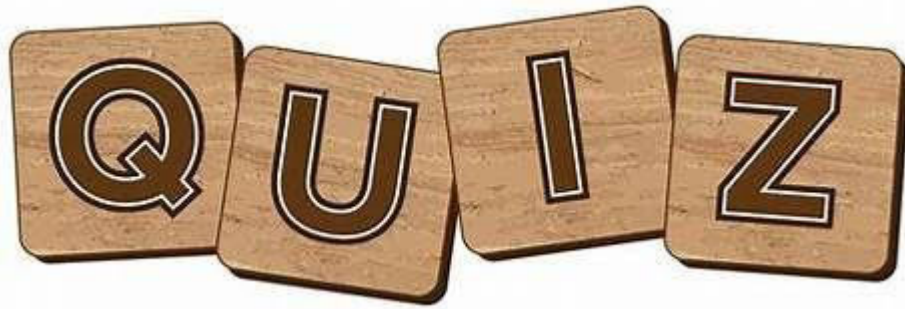
- a. **Johann Gutenberg** b. Guglielmo Marconi c. John
Logie Baird d. Alexander Graham Bell

4. Which of these is used both for individual communication as well as for mass communication?

- a. Radio b. television **c. internet** d. all of

HOMEWORK

- 1. Paste the first communication satellite of India in the project record.**
- 2. Do the short question answers in the notebook.**



<https://quizizz.com/join?gc=1077529&from=challengeFriends>

LEARNING OUTCOME:

By the end of the class, learners will be able to know:

- **Meaning of communication.**
- **Types of communication.**
- **Importance and uses of satellite communication.**

THANKING YOU
ODM EDUCATIONAL GROUP

SESSION : 5

CLASS : 5

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 10

CHAPTER NAME : COMMUNICATION

SUBTOPIC : LONG QUESTION AND ANSWERS

CHANGING YOUR TOMORROW

LEARNING OBJECTIVES

Enable the learner to know about:

- **How much they have gained the knowledge about the topic.**
- **All the details about communication.**

LONG QUESTIONS AND ANSWERS.

C. Answer the following questions.

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4. List three means by which you can send a written message to another person.

ANS. Three means by which we can send a written message to another person are - i. Letters ii. Fax iii. E-mail

5. Name four means of mass communication.

**ANS. Four means of mass communication are - i. Radio ii. Cinema
iii. Television iv. Newspaper**

6. Why is television the most popular means of mass communication?

ANS. The television was invented in England by John Logie Baird in 1926, only about 80 years ago. It has the great advantage of having both sight and sound. People can see the pictures and hear people talk, while sitting comfortably in their homes. The most important point which makes television the most popular means of mass communication is that it can share information to illiterate people and events are shown live on it.

7. Why is the Internet called the ‘ Information superhighway’?

ANS. We can get any information from internet. The internet is a fast and efficient way of sending information around the world. That is why it is called the ‘Information Superhighway ‘.

8. How did satellites improve communication?

ANS. Satellites improve communication because -

- **Communication satellites are sent into outer space by rockets.**
- **They revolve around the Earth.**
- **Signals are sent up to the satellites which transmit them back to Earth, covering a much larger area in the process.**
- **It is because of these satellites that you can see events such as cricket matches being played in England or West Indies live on our television.**
- **Telephone and computer signals are also sent to other countries through satellites.**

HOMEWORK

**How do early humans exchanged ideas before the development of language?
Write in the project record.**

How communication satellite works?

<https://youtu.be/hXa3bTclGPU>

LEARNING OUTCOME

By the end of the class, learners will be able to know:

- **How much they have gained the knowledge about the topic.**
- **All the details about communication.**

THANKING YOU
ODM EDUCATIONAL GROUP

SESSION : 5

CLASS : 5

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 10

CHAPTER NAME : COMMUNICATION

SUBTOPIC : CLASS TEST, MAP SKILL P-15, 16

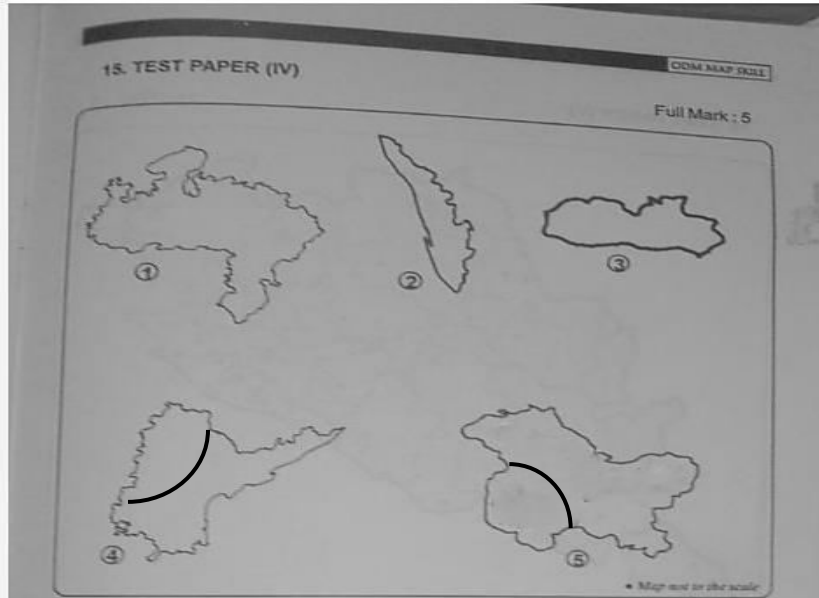
CHANGING YOUR TOMORROW

LEARNING OBJECTIVES

Enable the learner to:

- Reflect on what they have written.
- Learn about the craft of writing.
- Reflect on whether their message matches their writing goal.

MAP SKILL P-15



1. Madhya Pradesh

2. Kerala

3. Meghalaya

4. Telangana, Andhra Pradesh


5. Jammu & Kashmir, Ladakh



MAP SKILL P-16

ODM MAP SKILL

16. TEST PAPER (V) Full Mark: 5



1. Name the important towns indicated as- Marks Secured: _____

Map is not to scale



HOME WORK

How did early humans exchange ideas before the development of language?

Write in the project record.

ANS. Early humans exchange ideas through different ways. They are:-

- **By making pictures, drawing and symbols on walls.**
- **By different sounds.**
- **By body language.**
- **By using sign.**
- **By signals.**

Did you know? FULL FORM OF THE FOLLOWING ABBREVIATION:

- **STD - Subscriber Trunk Dialling.**
- **AIR - All India Radio.**
- **ISD - International Subscriber Dialling.**
- **SMS - Short Messaging Service.**
- **FAX - Facsimile Automatic Xerox.**
- **EMAIL - Electronic Mail.**
- **NASA - National Aeronautics and Space Administration.**

CLASS TEST. (FM - 15)

A. Do as directed. (1x3=3)

1. Telephone:1876::Printing Machine: 1443 (Find the relation and complete the series).
2. Raja Harishchandra was the first movie with sound in India.(Change the underlined word to make the sentence correct). Alam Ara.
3. (APPLE/~~TELSTAR~~) was the first communication satellite of India. (Cross the wrong word to make the sentence correct).

B. MATCH IT. (1X4=4)

Column A	Column B
1. telephone	a. Samuel Morse
2. radio	b. John Logie Baird
3. telegraph	c. Alexander Graham Bell
4. television	d. Guglielmo Marconi

1. c 2. d 3. a 4. b

C. FILL IN THE BLANKS. (1x2=2)

1. Letters are an example of _____ communication. **(personal)**
2. _____ is a social networking site. **(Facebook/Twitter/Instagram/Linkedin)**

D. ANSWER THE FOLLOWING QUESTIONS. (6)

1. What is an e-mail? Write an advantage of e-mail. (2 marks)
2. Why is communication important? (2 marks)
3. What is mass communication? (2 marks)

1. What is an e-mail? Write an advantage of e-mail. ? (2)

Ans. E-mail is the electronic mail which is sent through a computer with an Internet connection.

Advantage - We can send e-mail such as text messages, pictures or any other document.

2. Why is communication important? (2)

- **Ans. Communication is the exchange of information from one to another. Communication is the most important of all life skills.**
- **It enables us to pass information to other and to understand what is said to us.**
- **It also helps to develop relationships with others.**

3. What is mass communication? (2)

Ans. When an idea is communicated to many people at the same time it is known as mass communication. For example, books, magazines and newspapers communicate an idea to several people at the same time.

HOMEWORK

No homework

LEARNING OUTCOME

By the end of the class, learners will be able to:

- **Reflect on what they have written.**
- **Learn about the craft of writing.**
- **Reflect on whether their message matches their writing goal.**

THANKING YOU
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