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Class: 4

Subject: Science   **Topic: Chapter 12: Information in our life**

1. **Fill in the blanks with appropriate words:**

a) The history of communication technology began _____ of years' age. Ans: thousand.

b) Telegraph was invented by _____. Ans: Baron Schilling

c) A scientist named _____succeed to send information through wire using telegraph. Ans: Samuel Morse.

d) Telephone was invented by _____. Ans: Alexander Graham.

e) In _____, Alexander Graham invented the telephone to talk directly with other people across large distance. Ans: 1876

f) The amount of information is increasing at a _____ pace. Ans: rapid

g) Information helps us to _____ what to do. Ans: decide

h) Information and _____ Technology makes our lives easier. Ans: Communcation

i) People drawing picture on cave wall or used _____ to store information. Ans: lithograph

j) The use of information includes the activities like collecting, storing, and _____ information. Ans: sharing.

2. **Multiple Choice Questions:**

a) Which one is a modern technology for communication:

  i. Smoke signals   iii. The internet (ans)

  ii. Career pigeon   iv. drums

b) Which one is the best way to collect the information on your friend's experience?

  i. Asking yours friend (ans)   iii. Watching TV

  ii. Listing to the radio   iv. Reading book

c) Which of the following is recording technology?

  i. Smoke signals   ii. Camera (Ans)

  iii. Drums   iv. Career pigeon

d) In _____, Baron schilling was invented telegraph?

  i) 1872   ii. 1832 (Ans)

  iii) 1837   iv. 1876

e) Which of the following is communication Technology?

  i) Pen drive   ii. memory card

  iii) Camera   iv. Wall painting (Ans)

3. **Write the answer of the following questions in short:**

a) What is ICT?

Ans: The technology tool used to create, to collect, to analyse and to exchange information is called Information and Communication Technology (ICT).

b) What is the full form of ICT?

Ans: The full form of ICT is Information and Communication Tchnology.

c) How does information help us?

Ans: Information help us to decide what to do.

d) Write five names of ICT technologies.

Ans: i)   computer

ii)   Internet

iii) Mobile phone

iv) Radio

v) Television

e) When the history of communication began?

Ans: The history of communication began thousands of year ago.

f) ICT can be classified into how many groups and what are they?

Ans: ICT can be largely classified into two groups:

1. Technology for communication with people (Communication Technology).

2. Technology for recording information (Recording Technology)

g) Why people have invented technology?

Ans: People have invented technologies in order to pass on information to other and make their life easier.

h) How did people preserve information in the ancient time?

Ans: In ancient time, people drew pictures on the cave wall or used lithograph to preserve information.

i) When we share information with someone, what points should be pay attention to?

Ans: when we sharing the information with someone, we should pay attention to what we want to say and how we can give clear explanations to other person.

j) Give four examples of sources for collecting information.

Ans:

i.   Television.

ii.   Book.

iii. Newspaper.

iv.   Radio.

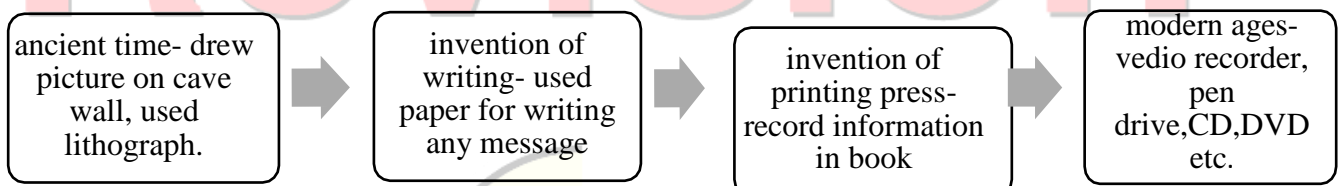**4. Write the answer of the following broad questions:**

a) Explain four steps for a wise use of information.

Ans: we need to make a good use of information includes the activities like collecting, sorting, and sharing information. The following steps show wise use of information:

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1) <u>Deciding what types of information, we need</u>: we may need different types of information at one time or another.

2) <u>Finding the ways and sources for collecting information</u>: we must find the ways and sources that are best suited to the information we need.

3) <u>Collecting information</u>: Necessary information should be collected with the best ways and sources we found.

4) <u>Sharing information:</u> Before sharing information, organise the information on the exercise book or papers based on our recording.

b) Explain about development of recording.

Ans: Development of recording technologies is shown below:

ancient time- drew picture on cave wall, used lithograph.	→	invention of writing- used paper for writing any message	→	invention of printing press- record information in book	→	modern ages- vedio recorder, pen drive,CD,DVD etc.

c) Explain how can we store information.

Ans: Necessary information should be collected with the best ways and sources we found. During collecting the information, we should keep a record. We can store the information by taking a note on a notebook or paper, or using a recording technology such as camera, CD and DVD.