

Bihar Board Class 9 Panorama English Book Solutions

Chapter 3 A Silent Revolution

A. Work in small groups and discuss these questions:

Question 1.

How do you send your message to your friends and relatives?

Answer:

Nowadays I send my message to my friends and relatives on a mobile phone. Sometimes the message is sent through a Short Messaging Service Centre (SMSC) run by the service provider.

Question 2.

Have you ever sent an SMS? How did you write your message? How did you send it?

Answer:

Yes, I have sent an SMS. For this, I have to register the network service centre into my handset. The message service centre sent the message where I wanted to send it

B. Answer the following questions briefly:

Question 1.

What does SMS stand for?

Answer:

SMS stands for Short Messaging Service.

Question 2.

How was it conceived?

Answer:

It was conceived as a part of the Global System for mobile communication (GSM) digital standard.

Question 3.

What ability does it have?

Answer:

It has the ability to send and receive a text message on a mobile phone.

Question 4.

How are messages sent and routed?

Answer:

Messages are sent and routed through a short message service centre (SMSC) run by the service provider.

Question 5.

What ensures that the message is delivered at the destination mobile even if it is switched off or out of the coverage area?

Answer:

The messages are routed through a short messaging service centre (SMSC) run by the service provider. This ensures that the message is delivered at the destination mobile even if it is switched off or out of the coverage area.

Question 6.

What does SMSC stand for?

Answer:

SMSC stands for Short Messaging Service Centre.

Question 7.

What is its function?

Answer:

The SMSC stores the message and forwards it when the mobile is switched on or enters the network.

Question 8.

On what account may the delivery of a message be delayed?

Answer:

The delivery of a message may be delayed due to con-gestion.

Question 9.

What is the beauty of SMS?

Answer:

The beauty of SMS is that messages can be sent and received even while making voice calls.

Question 10.

What is a voice call?

Answer:

A voice call is a sound that takes over a dedicated radio channel.

Question 11.

How does it differ from SMS?

Answer:

A Voice call differs from SMS in that it was voice whereas SMS uses text. Again it takes over a dedicated radio channel for the duration of the call while SMS travels over and above the radio channel using the signalling path.

C. Long Answer Type Questions

Question 1.

How has SMS brought about a silent revolution?

Answer:

The launch of SMS opened a new vista in the field of text communication, providing a new easy way, to the people in communicating. This way SMS has brought about a silent revolution.

Question 2.

How do you think that SMS has now become the most preferred option for communication?

Answer:

SMS has now become the most preferred option for communication no doubt. It is very cheap and easy. It is available with mobile phone which has the keypads attached to them. It has its beauty. The beauty of SMS is that messages can be sent and received even while making voice calls. For this cause, it has opened a new era in the field of text communication. So I think that all about SMS.

Question 3.

What is the attractive feature of SMS? How does a voice call differ from SMS?

Answer:

The attractive feature of SMS is that it ensures that the message is delivered at the destination mobile even if it is switched off or out of the coverage area. The SMSC stores the message and forwards it when the mobile is switched on or enters the network.

A voice call differs from SMS in that a voice call takes over a dedicated radio channel for the duration of the call While the short messages travel over and above the radio channel using the signalling path. The voice call can not be completed if the mobile phone is switched off or out of network.

Question 4.

“The launch of SMS has opened a new vista in the field of text communication.” Explain.

Answer:

The launch of SMS has opened a new vista in the field of text communication. Really it has changed the pattern of communication. It provides a new easy way for the people to communicate their messages. People can type their message using their small handset keypads and send it at the destination even if it is switched off or out of network area. No doubt SMS is a miracle.