



মণিপুরৰ শাসনৰত্ন (সংস্কৃত)
DEPARTMENT OF EDUCATION (S)

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Government of Manipur

LESSON-9

SOME PIONEERS OF MORDERN SCIENCE

SOLUTIONS:

I. Answer the following questions

Q.1. What was the fastest means of travelling two-hundred fifty years ago?

Ans: The fastest means of travelling two-hundred fifty years ago was on horse- back.

Q.2. What was sir Humphrey Davey before he became a professor of chemistry?

Ans: Sir Humphrey Davey was a laboratory assistant at a hospital before he became a professor of chemistry.

Q.3. Write how useful telephone is to us today?

Ans: Telephone is very useful to us today as it helps us in our office, conducting business and also in our day to day activities.

Q.4. How can we listen to the song of the great singers and music of great musicians whenever we want to listen to them?

Ans: We can listen to the songs of the great singers and the music of great musicians whenever we want with the help of gramophone records, cassettes or discs.

Q.5. What brought a revolution in photography?

Ans: Photography on celluloid ribbons brought a revolution in photography.

Q.6. How is the invention of electric bulb useful to us ?

Ans : The invention of electric blub is useful to us as it illuminates our houses and streets.

Q.7. How is the discovery of the electro-magnet important?

Ans. The discovery of electro-magnet is important as it can be used for telegraph, sending wireless message, driving machines etc. thousands of power stations are producing electricity all over the world due to this invention.

Q.8. Why did the station-master teach Thomas Alva Edison telegraphy?

Ans. The station-master taught Thomas Alva Edison telegraphy because Thomas saved his son's life from being run over by a train and also knew the eagerness of Thomas to learn telegraphy.

Q.9. Write about Thomas Alva Edison's discoveries.

Ans. Thomas Alva Edison was a tireless worker who spent days and months in scientific research. He invented the gramophone and brought about a revolution in photography which led to the development of film industry. Another very useful invention was the electric bulb which we use to illuminate our houses and streets.

Q.10. Write how Marconi's discovery is useful to man.

Ans. Marconi's discovery is very useful to man. Songs and news that we receive in our radio set without wire is a great invention of his. Marconi discovered that human voices could be turned into electric signals with the help of electricity and these electric signals could be turned into original voice again. These signals could be transmitted across the Atlantic.



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