

I. Answer the following questions:

1. What is the future of technology?

Technology, in future, would automate many tasks and make lives of people, even the disabled ones, much more comfortable than today.

2. How many people in India suffer with disability?

In India 2.7 crore people suffer with disabilities.

3. Who is Kim?

Kim is the Assistive Technologist at the narrator's school.

4. How does Kim help Alisha?

Kim helps Alisha by introducing her to Dragon Dictate technology.

5. Why is technology important according to David?

According to David, technology is important because it enables him to communicate and be independent. It gives him freedom.

6. Which instrument does David control with his eye movements?

David uses a Liberator Communication Device. He controls it with his eye movement.

7. Which device helps David to move from one place to another?

David moves from one place to another in his electric chair with head switches. (ECO & ECO2)

8. What are the benefits of the internet to the common man?

Technology makes one's life easier. Internet helps to keep in touch with the family, to talk with the relatives who live far away.

9. Do you think technology has improved communication? How?

Technology has proven fruitful not just to differently - abled to communicate effectively but to everyone in common to communicate faster and easier.

10. How does David operate computers with the Liberator Communication Device?

Liberator Communication Device has a Bluetooth adaptor which lets David use any PC or Mac by sending commands through the Liberator.

11. Which are the devices controlled using ACTIV controller?

ACTIV controller controls TV, Blue Ray and music players.

12. Who says these words; "I want everyone to know the difference technology has made in my life"?

Alisha says these words.

13. Which software helps Alisha to overcome her difficulty in typing?

Dragon Dictate helps Alisha to overcome the difficulty in typing.

14. Name a few Indian innovations which are helpful to the disabled and make their day to day life easier.

Lechal shoes, Blee watch and IGEST are a few Indian Innovations which are helpful to the disabled and make their day to day life easier.

15. Is it possible to control the computer screen with eye gaze?

Yes, it is possible to control the computer screen with eye gaze.

16. Suggest ways of making our society inclusive.

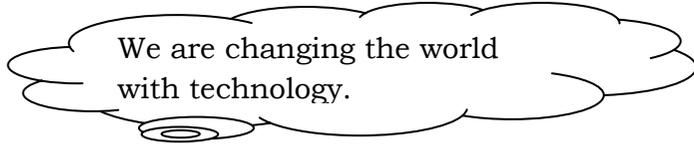
Common man can even adopt the technologies to put to use with slight modifications in technological modules.

17. How would you help the people with disabilities in your neighbourhood?

One can help them by assisting them to access these technologies with ease.

II. Answer in a paragraph of about 100-150 words.

1. How do we use technology in our day to day lives?



We are changing the world
with technology.

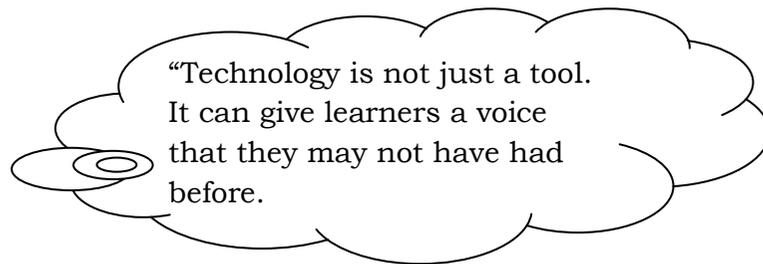
SUPPLEMENTARY

A day in 2889 of an American Journalist

Technology is growing day by day and we all depend on technology. Today we have various developing technologies that impact our lives in different ways. As the world keeps on developing, technology will change. Keeping oneself updated is very important in this modern world. It has totally transformed the life of an individual. A Refrigerator is programmed to replenish food when the vegetables or milk or eggs are over.

Technology helps one to manage entertainment and home appliances by voice commands or swapping the finger. Technology also automates all water and energy management systems. Therefore accepting it and learning how to use technology in whatever we do is highly important and recommended.

2. "Technology is a boon to the disabled" - Justify:



The differently abled, Alisha and David's life has been transformed because of Technology. It is a boon to the disabled. Assistive technology is designed to help people with disabilities. Dragon Dictate helps the disabled to speak for words to be printed on screen. Technology can control a computer screen even with Eye Gaze. Liberator Communication Device, with eye movements to communicate verbally is used. It has a Bluetooth adaptor. An ACTIVE controller also in the headrest of a mobility chair is used to control TV, Blu-Ray and music players. Augmentative and Alternative Communication is also the product of technological advancements and a boon to the disabled.

Main Characters:

Francis Bennett - Managing Editor

Edith - Wife of Francis Bennett

Cash - Astronomical reporter

Corley - Astronomical reporter

Gandini - New Planet

The Earth Herald - World's largest newspaper

1. 'Any sufficiently advanced technology is equivalent to magic.'

Explain the quotation with reference to 'A day in 2889 of an American Journalist'.

Theme: The future is in the bands of technology

Summary:

'A day in 2889 of an American Journalist' written in 1889 by Jules Verne, gives us a glimpse of the futuristic world in which people rely on machines for almost everything. The story is set on July 25 of 2889.

Francis Bennett, director of the Earth Herald, the world's most leading newspaper, had woken up with a bad temper. He felt a little lonely in the absence of his wife. His wife had been away in France for the past eight days. He switched on his phonotelephote and hearing his wife's voice, he put on a smile. He quickly jumped off his bed and went into the mechanized dressing room without any attendant, the machine performed all the tasks of getting him ready from top to toe to his office.

In his office, he inquired the astronomical reporters about the latest news. He wished to feed the public with interesting astronomical news. He was excited to bring out the interesting discoveries made in the new planet Gandini to the public.

Inordinate advertisements were projected on clouds by a thousand projectors from a gallery. It was devoted to publicity. It brought in a daily average of three million dollars. He got his

lunch through a network of pneumatic tubes. Then he travelled to his accumulator works at Niagara. He took an aero-car with an aero-coachman who was waiting near his window. The aero-car was capable of gaining speed of about four hundred miles an hour.

After his return, he listened to many petitions. He supported the idea of an inventor. There were different proposals given by the crowd. Out of those, two young men's proposals were brilliant. He supported the idea of an inventor who thought of reducing the final three elements into one and another idea of moving the town of Saaf to the shore using rails. He assigned them work and went to have his meal. He gets the news from his wife that she is coming to centropolis by tube. Finally he decided to take bath, touches a button and goes in. Thus, this story highlights the idea that "Everything is made possible in the future with the help of technology."

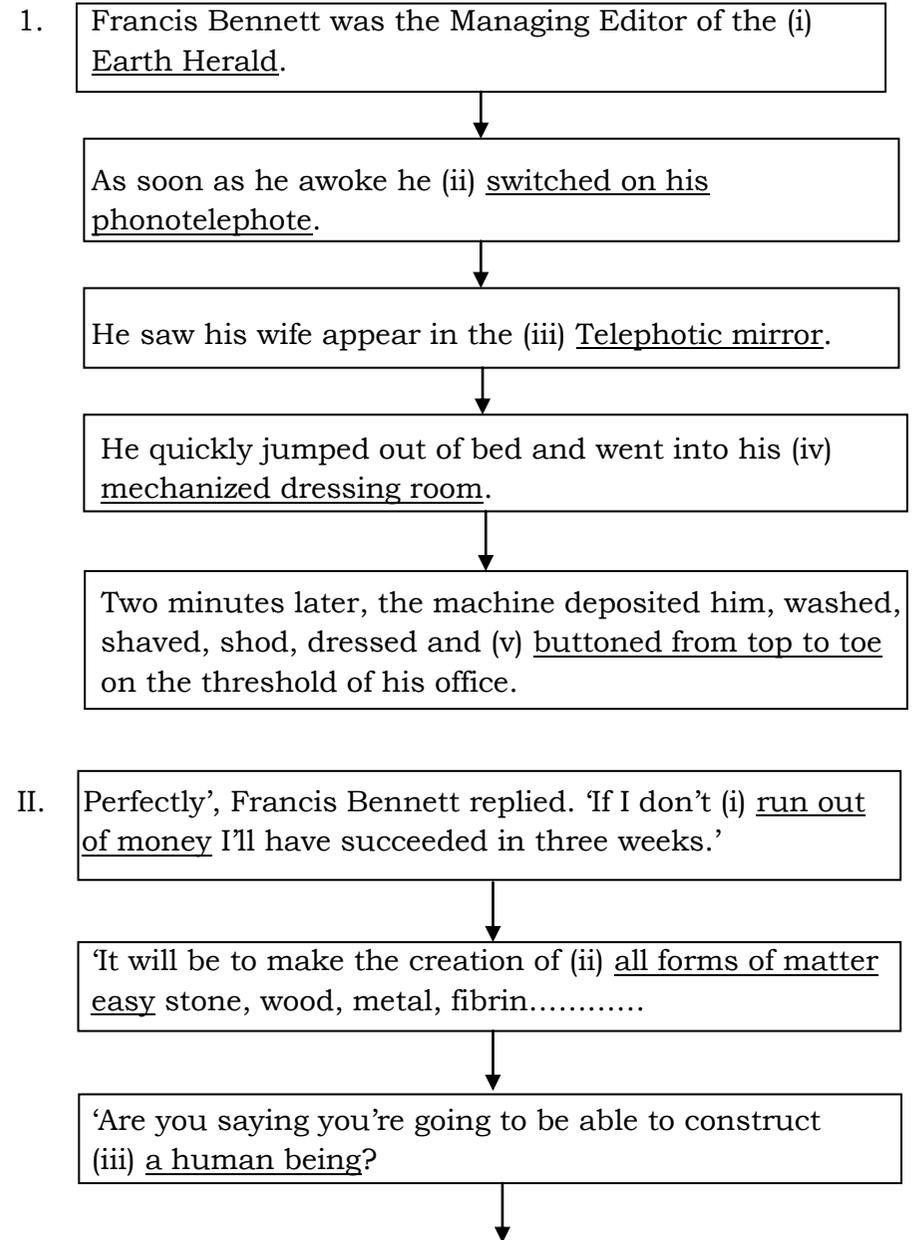
2. Identify the speaker/character:

1. As soon as he woke up, he switched on his Phonotelephote - Francis Bennett.
2. Well, Cash, what have you got - Francis Bennett
3. 'Phototelegrams from Mercury, Venus and Mars, Sir'. - Cash
4. 'Interesting! And Jupiter?' - Francis Bennett.
5. 'Not yet, Mr. Bennett'. - Cash
6. 'No, it's the inhabitants.' - Corley
7. 'Where are we going, sir?' - Aero - Coachman
8. 'Then, sir, I shall really have discovered the absolute'. - A young man/petitioner
9. 'Are you saying you're going to be able to construct a human being?' - Francis Bennett
10. 'I'm going to start this moment'. - Edith
11. 'You dare tell me that the moon is uninhabited?' - Francis Bennett
12. 'Complete..... The only thing missing will be the soul!' - The young man/petitioner
13. 'Then you'll be here?' - Francis Bennett

14. 'No, no!..... centropolis time.' - Edith

15. 'On the face it turns towards us, at any rate, Mr. Bennett - Corley.

3. Mind Map:



‘Complete..... The only thing missing will be (iv)
the soul.



Francis Bennet assigned the young fellow to the (v)
scientific editorial department of his journal.

POEM - THE SECRET OF THE MACHINES

- Rudyard Kipling

I. Read the following excerpts from the poem and answer the questions that follow:

1. “We were taken from the ore-bed and the mine,
We were melted in the furnace and the pit -
We were cast and wrought and hammered to design,
We were cut and filed and tooled and gauged to fit”.

a) What is a furnace?

A furnace is a highly heated oven to melt ores in large quantity.

b) What is ‘hammered’?

The molten metal is hammered.

c) Give the meaning of the word, ‘gauged’.

The meaning of the word, ‘gauged’ is measured.

d) What was taken from the ore-bed and the mine?

Raw materials for machines such as the iron ore from ore-bed and minerals from mines are taken.

e) What is a pit?

A pit is a mine.

f) All the four lines begin with the words, ‘we were’. Which poetic device does it indicate?

It indicates the poetic device, ‘Anaphora’.

2. “Some water, Coal and Oil is all we ask,
And a thousandth of an inch to give us play:
And now, if you will set us to our task,
We will serve you four and twenty hours a day!”

a) What is the requirement of the machine ?

The requirement of the machines are water, coal and Oil.

b) What is the figure of speech used in the first line?

Assonance is the figure of speech used in the first lines.

c) What does the second line indicate?

The second line indicates the close arrangement of the nuts, screws and bolts.

d) What is the rhyme scheme of the above lines?

‘ab ab’ is the rhyme scheme in the above lines.

e) Explain the poetic device in the last line.

The poetic device is hyperbole which is the exaggeration of the machine working round the clock without any rest.

3. “We can pull and haul and push and lift and drive ,
We can print and plough and weave and heat and light,
We can run and race and swim and fly and dive,
We can see and hear and count and read and write”.

a) What is meant by ‘haul’?

Haul means carry.

b) What is the figure of speech used in the last line?

The figure of speech is Imagery.

c) Mention the figure of speech in the first line.

The figure of speech used is personification.

4. “But remember, please, the Law by which we live,
We are not built to comprehend a lie,
We can neither love nor pity nor forgive,
If you make a slip in handling us you die?”

a) What can a machine not understand?

A machine cannot understand if the command is a lie.

b) What can a machine not do?

A machine cannot love, show pity or forgive.

c) What will happen if a mistake is done by man?

If a mistake is done by man, they will be destroyed and put to death.

d) What do you understand by the word, ‘slip’?

A slip is nothing but a mistake.

e) What is the law by which a machine lives?

“The Law is the way in which the machine is designed and programmed to work when the command is given.

f) What is the warning given in the above lines?

The caution is the perils and hazards of mechanization.

g) What is the reminder given by the machines?

The reminder given by the machines is the law by which a machine lives to do the work of a man.

5. “Though our smoke may hide the Heavens from your eyes,
It will vanish and the stars will shine again,
Because, for all our power and weight and size,
We are nothing more than children of your brain!”

a) What is the brain child of man?

The brain child of man is the machines made by man.

b) What does the smoke hide?

The smoke hides the sight of the heavens in the sky.

c) From where does the smoke come?

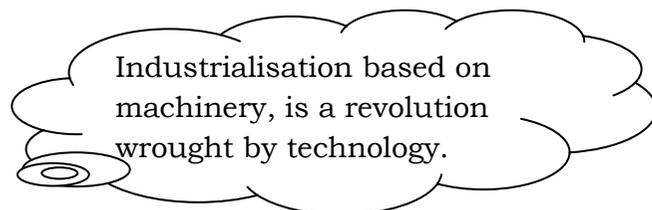
The smoke comes from the factories.

d) What is of no use in front of God?

The power, weight and size is of no use in front of God.

II. Answer in a paragraph:

1. What is the theme of the poem “The secret of the machines”?



The theme of the poem is a period when man gives more importance to industrialisation. To live a life, man will depend on machines. Machines will make many things easier and facilitate the work of the human beings. The most important fact is that any wrong handling of the machines can be extremely dangerous for it cannot understand a lie. This poem brings out the greatness of modern technology. The ability to change the nature of all things is also vividly explained. However, machines cannot replace human-beings for they do know how to emote or understand feelings, After all, machines are just the brain child of a man and not the creation of God Almighty. Therefore, there will be fatal disasters, if man doesn't know to handle it. An important concept in Kipling is 'the law by which we live'. It is an unshakeable moral imperative. In this case, the machines represent a form of absolute truth that is particularly difficult for human beings to understand.
