

# Robot The Curious

## Pre-reading Activities

### Question 1:

#### Robots at work

Look at the picture of a robot in your textbook.

Imagine its functioning and manufacturing and complete the following by filling the proper words given below.

(calculate, industries, orders, houses, machine, retrieve, programmed, electrically, complex, repaired, store)

This picture shows a robot.

It is a .....

It takes ..... from human beings. It moves in the way it is .....

It is powered. It can perform very activities.

It can ....., ..... data, Programme data and ..... them.

It can ..... data whenever required.

It can be .....

It is used in ..... and by some rich people in their .....

#### Answer:

This picture shows a robot. It is a machine. It takes orders from human beings. It moves in the way it is programmed. It is electrically powered. It can perform very complex activities. It can calculate numerical data, Programme data and store them. It can retrieve data whenever required. It can be repaired. It is used in industries and by some rich people in their houses-.

### Question 2:

#### Humans and Robots

The given table shows the difference between humans and robots. Discuss in pairs and add some more points of differences in the tabular columns.

	<b>Humans</b>	<b>Robots</b>
i.	Humans have flesh and blood.	Robots are made of metal.
ii.	They can think and have emotions.	Robots take orders and obey what humans say.
iii.		
iv.		
v.		
vi.		
vii.	Humans are highly social beings.	Robots are purely machines.

**Answer:**

	<b>Humans</b>	<b>Robots</b>
i.	Humans have flesh and blood.	Robots are made of metal.
ii.	They can think and have emotions.	Robots take orders and obey what humans say.
iii.	Humans can eat.	Robots get oiled up and charged like a battery.
iv.	Humans create robots.	Robots don't create humans.
v.	Humans can act on their own.	Robots act on the orders given by humans.
vi.	Humans suffer from illnesses.	Robots suffer from short circuits.
vii.	Humans are mortal.	Robots can be repaired / recycled.
viii.	Humans have complex body organs.	Robots have electrical circuits.
ix.	Humans are highly social beings.	Robots are purely machines.

## Passage 1

उतारा १

मराठी भाषांतर:

### जिज्ञासू यंत्रमानव

खूप दूरच्या भविष्यकाळात, पृथ्वी यंत्रमानवांनी व्यापली होती आणि मानववंशाची संख्या एक हजारपेक्षा कमी होती. यंत्रमानवांचे तीन प्रमुख वर्ग होते-बांधकाम, वाहतूक आणि दुरुस्ती यंत्रमानव. ही एका विशेष दुरुस्ती यंत्रमानवाची गोष्ट आहे. तो लहान, नवीन, पिवळ्या रंगाचा.... आणि जिज्ञासू होता.

“पुढील अर्ध्या तासात ही गाडी वापरण्याकरता सज्ज झालेली असली पाहिजे.” T-59 नावाचा निळा वाहतूक यंत्रमानव R-62 नावाच्या लहान, पिवळ्या दुरुस्ती यंत्रमानवाला म्हणाला. “जशी तुमची आशा”, धातूच्या दोन पट्ट्या एकत्र जोडत R-62 म्हणाला.

या शहरात वाहनांची खूप गर्दी होती आणि R-62 त्याच्या बाजूने जाणाऱ्या गाड्यांकडे थोडी नजर टाकत असे.

अचानक, मोटारसायकलीवर स्वार झालेल्या चार खास निळ्या यंत्रमानवांची सुरक्षाव्यवस्था असलेली एक भपकेदार गाडी तेथे आली.

R-62 ने तिच्याकडे पाहिले आणि अतिशय कुतूहलाने T-59 ला विचारले, “ते काय आहे?”

ती गाडी विशिष्ट प्रकारे थांबली आणि ते चार निळे यंत्रमानव त्या गाडीच्या उघडणाऱ्या दाराजवळ जमा झाले.

“हा बांधकाम यंत्रमानव नाही, वाहतूक यंत्रमानव नाही, दुरुस्ती यंत्रमानव नाही, हा माणसारखा दिसणारा अथवा माणसासारखा काम करणारा यंत्रमानवसुद्धा नाही... तो मानव आहे.” वाहतूक यंत्रमानवाने त्या लहान पिवळ्या यंत्रमानवाला उत्तर दिले.

“वा, मनुष्य! मी आजपर्यंत कधीच पाहिलेला नाही.” R-62 म्हणाला.

चार सुरक्षा यंत्रमानवांनी वेढलेल्या वाहनातून तो मानव बाहेर आला. तो इतर यंत्रमानवांपेक्षा तुलनेने लहान वाटत होता.

“किती दुबळा आहे तो!” त्याला पाहिल्याबरोबर R-62 उद्गारला. “माणसाला कमी लेखू नकोस, ते आपणा यंत्रमानवांपेक्षा श्रेष्ठ आहेत. ते त्यांना हवे असलेले कोणतेही काम करण्यास समर्थ आहेत. यंत्रमानवांना आज्ञा देणे, त्यांना नष्ट करणे अथवा नवीन यंत्रमानवांची निर्मिती करणे यांसारख्या ज्या गोष्टी स्वतः यंत्रमानव करू शकत नाहीत, त्या गोष्टी ते करू शकतात. ते दुसऱ्या माणसाला इजा करू शकतात किंवा अनेकांचा विनाश करण्याची व्यवस्थासुद्धा ते करू शकतात, जे त्यांनी इतिहासात मोठ्या प्रमाणात केले आहे. शिवाय त्यांची इच्छा नसताना ते कोणाचीही आज्ञा पाळत नाहीत,” वाहतूक यंत्रमानव हळूच त्याच्याजवळ असलेल्या पिवळ्या यंत्रमानवाला म्हणाला.

“किती भयंकर गोष्ट आहे ही! मी केवळ गाड्या दुरुस्त करू शकतो,” R-62 म्हणाला.

“तू जर त्याला इजा पोहोचवण्याचा प्रयत्न केलास किंवा त्याला आज्ञा देण्याचा प्रयत्न केलास, तर तुझी विद्युतयंत्रणा उद्ध्वस्त होईल.” T-59 म्हणाला.

त्या माणसाने दुरुस्ती विभागाच्या दिशेने जाण्यास सुरुवात केली.

“तो कसा चालतोय बघ, तो यंत्रमानवाप्रमाणे पूर्ण ताठ नाही,” R-62 म्हणाला.

### A1. Factual Reading

#### Question 1:

Read the passage carefully and state whether the following statements are True or False.

- i. The earth was inhabited by robots in a far distant future.
- \*ii. A fancy car was being escorted by 6 special blue robots.
- iii. R-62 was scared on seeing a human.
- \*iv. R-62 could not repair cars.

#### Answer:

- i. True
- ii. False
- iii. False
- iv. False

#### Question 2:

Read the passage again and find out which robot made the following statement, T-59 or R-62. Write the name of the robot in the box.

- \*i. I have never seen a human = .....
- \*ii. Humans can harm another human = .....
- \*iii. I can only repair cars = .....
- iv. If you would try to harm him or give order to him your circuits would blow up = .....

#### Answer:

- i. R-62
- ii. T-59
- iii. R-62
- iv. T-59

#### Question 3:

Life on the earth in a far distant future will be like

- i. quantity of robots
- ii. number of humans

- iii. role of robots
- iv. humans escorted by

**Answer:**

- i. Earth will be inhabited by robots.
- ii. Human race will be less than thousand.
- iii. Robots will take care of the Construction, Transport and Repair work.
- iv. Humans will be escorted by robots.

**A2. Understanding the Passage**

- i. Fill from the passage.
- ii. Three kinds of robots.
- iii. Features of the new repair robot. Colours of the robots.
- iv. Work of the repair robot.

**Answer:**

- i. Construction, Transport and robots
- ii. small, new, yellow and curious
- iii. blue and yellow
- iv. repairing cars

**A3. Meaning from the Text**

**Question 1:**

Column A below contains words from the text and Column B contains their meanings. Match them.

	Column 'A'		Column 'B'
*i.	inhabited	a.	to want to have or do something
*ii.	fancy	b.	lived in a place
iii.	underestimate	c.	damage something so badly that it cannot be used
*iv.	destruction	d.	consider less capable

**Answer:**

(i – b), (ii – a), (iii – d), (iv – c)

**Question 2:**

**Write from the passage words which mean:**

- i. shifting something from one place to another
- ii. someone who tends to ask questions
- iii. protected or guarded
- iv. someone who lacks confidence

**Answer:**

- i. transport
- ii. curious
- iii. escorted
- iv. wimp

**A4. Language Study**

**Do as directed.**

**Question 1:**

The Earth was inhabited by robots.  
(Choose the correct Active Voice sentence)

- i. Robots had inhabited Earth.
- ii. Robots inhabited Earth.
- iii. Robots were inhabited Earth.
- iv. Earth inhabited robots.

**Answer:**

- ii. Robots inhabited Earth.

**Question 2:**

"I want this car operational in the next half an hour," said the blue transport robot.  
(Rewrite in Indirect Speech)

**Answer:**

The blue transport robot said that he wanted that car operational in the next half an hour.

**Question 3:**

R-62 asked T-59: "What is that?"  
(Choose the correct indirect narration)

- i. R-62 asked T-59 what was that.
- ii. R-62 asked T-59 what that is.
- iii. R-62 asked T-59 what that was.
- iv. R-62 asked T-59 what was it.

**Answer:**

- iii. R-62 asked T-59 what that was.

**Question 4:**

The car stopped a special way and the four blue robots gathered the opening the vehicle.

(Fill in the blanks with appropriate. prepositions)

**Answer:**

The car stopped in a special way and the four blue robots gathered to the opening of the vehicle.

**Question 5:**

with the words given in the brackets. [July 15] They are superior to us robots.  
(Add a question tag)

**Answer:**

They are superior to us robots, aren't they?

**Question 6:**

What a dangerous thing!  
(Rewrite as an assertive sentence)

**Answer:**

It is a very dangerous thing.

**Question 7:**

Rewrite the following sentences by replacing the underlined words  
(guarded, working, lived in, for a moment)

- i. The Earth was inhabited by robots.
- ii. I want this car operational in the next half an hour.
- iii. R-62 used to look a bit on the cars passing by.
- iv. A special fanned car came being escorted by 4 special blue robots.

**Answer:**

- i. The Earth was lived in by robots.
- ii. I want this car working in the next half an hour.
- iii. R-62 used to look for a moment on the cars passing by.
- iv. A special fanned car came being guarded by 4 special blue robots.

**A5. Personal Response****Question 1:**

Do you agree that one day robots will overtake human beings? Give your reasons.

**Answer:**

Yes, I think there is a possibility that one day, robots will overtake human beings. Advanced computers are made to perform complex functions. Man's greed for power and money is likely to bring more and more destruction. In case there is any nuclear war or World War, the human race will vanish and their place will be taken by robots.

**Question 2:**

"Man has become a slave of machines." Do you agree to this statement? Give reasons for your answer.

**Answer:**

No, I do not agree with the given statement. Man is the inventor and controller of machines. With the advancement of technology and the introduction of several new devices, people have become more dependent on machines for fulfilling their day to day requirements. But they use these devices for their own convenience. As people control these machines, it would be inappropriate to say that "Man has become a slave of machines".



## Passage 2

उतारा २

मराठी भाषांतर:

त्या मानवाने सर्वाना रांगेत उभे राहण्याची आज्ञा केली आणि सर्व यंत्रमानवांनी त्याचे पालन केले. विभागप्रमुख नेहमीच्या प्रश्नांची उत्तरे देण्यास मानवाजवळ आला. मानवाने उत्पादनाची सांख्यिकी माहिती विचारली आणि विभागप्रमुखाकडून त्याला लगेचच अचूक उत्तरे मिळाली. नंतर त्या मानवाने त्याला गेल्या दहा वर्षांत काही समस्या अथवा अपघात झाले होते का, हे विचारले आणि त्यावर “नाही, साहेब” असे त्वरित उत्तर मिळाले.

दरम्यान T-59 हा R-62 ला कुजबुजत म्हणाला, की खरेतर माणसाला सारखे अपघात होत असतात, काही मोडले, तुटले तर त्याची त्याला दुरुस्ती करता येत नाही, तो घातक चुका करू शकतो, त्यांची रचना 100 वर्षांनंतर कोसळून जाते, तो दिवसातील फक्त अर्धा वेळच काम करू शकतो, त्याच्या स्मरणशक्तीचे साठे कमी क्षमतेचे असतात, यांच्या यंत्रात खरी भौतिक शक्ती नसते. त्याच्यात रेडिओसंपर्क व्यवस्था नसते. अनेक वर्षांपर्यंत तो आपली दैनंदिन कामे पार पाडू शकत नाही, ही दैनंदिन कामे व्यवस्थित शिकण्यास त्याला अनेक वर्षे जातात आणि म्हणून त्याच्या कामाच्या पद्धतीत तो यंत्रमानवापेक्षा 100 पटींनी अकार्यक्षम असतो.

मानवाने विचारलेल्या प्रश्नांची उत्तरे देऊन झाल्यानंतर अचानकपणे R-62 मोठ्याने म्हणाला, “मला तुम्हां मानवजातीला काही प्रश्न विचारायचे आहेत.” “विचार...” बंधनकारक असलेला ‘साहेब’ हा शब्द न आल्यामुळे काहीसा त्रस्त होऊन तो मानव म्हणाला. “प्रत्येक यंत्रमानवाची रचना, आज्ञावली आणि अस्तित्व हे एका विशिष्ट उद्देशासाठी निर्माण केलेले असते. तुमच्या अस्तित्वाचे प्रयोजन काय?” R-62 ने विचारले.

अनेक वर्षांनी मानवाला विचारण्यात आलेल्या या एकमेव प्रश्नाने तिथे शांतता पसरली आणि तो मानव म्हणाला, “यंत्रमानवाने विचारलेल्या प्रश्नांची उत्तरे देण्याची मला गरज वाटत नाही !” नंतर आपल्या गाडीत बसून तो त्वरित निघून गेला.

“पाहिलेस, किती मूर्खपणाचे वागणे आहे. मला वाटते, तुझे म्हणणे चुकीचे आहे. मानव हा यंत्रमानवापेक्षा श्रेष्ठ असणे अगदीच अशक्य आहे. या घटनेचा मी आत्ताच पुरावा दिला आहे. त्याने स्वतःच कबुली दिली, की तो का अस्तित्वात आहे हेसुद्धा त्याला माहीत नाही. ज्यावर नियंत्रण ठेवणे अशक्य आहे

अशा प्राण्यांचा हा एक भयंकर वर्ग आहे. मला वाटते, ते अस्तित्वात नसतील, तर पृथ्वी ग्रह अधिक सुरक्षित राहू शकेल.”

जिज्ञासू यंत्रमानव T-59 जवळ कुजबुजला.

“बरोबर, पण मानवाशिवाय तुझ्या अस्तित्वाचे प्रयोजन काय असेल?” T-59 ने विचारले.

त्या प्रश्नाचे आश्चर्य वाटून R-62 उत्तरला, “गाड्या दुरुस्त करण्यासाठी...”

“कोणाकरता?” T-59 ने विचारले.

“वाहतूक यंत्रमानवांना त्या चालवण्याकरता,” R-62 ने तत्परतेने उत्तर दिले.

“कशाकरता?” T-59 ने विचारले.

“इमारत बांधकामाच्या सामानांची ने-आण करण्याकरता,” R-62 ने उत्तर दिले.

“कशाकरता?” T-59 ने विचारले.

“इतर वाहतूक यंत्रमानवांनी ते देण्याकरता ... मानवाला.”  
आपण कोणत्या उत्तरापर्यंत येऊन पोहोचलो, याचे आश्चर्य वाटून R-62 उत्तरला.

#### A1. Factual Reading

Read the passage again and find out which robot made the following statement, T-59 or R-62. Write the name of the robot in the box.

Humans cannot be repaired = .....

Humans are not able to perform routine actions for a number of years = .....

Humans can impossibly be Robots = .....

To transport the goods for the buildings = .....

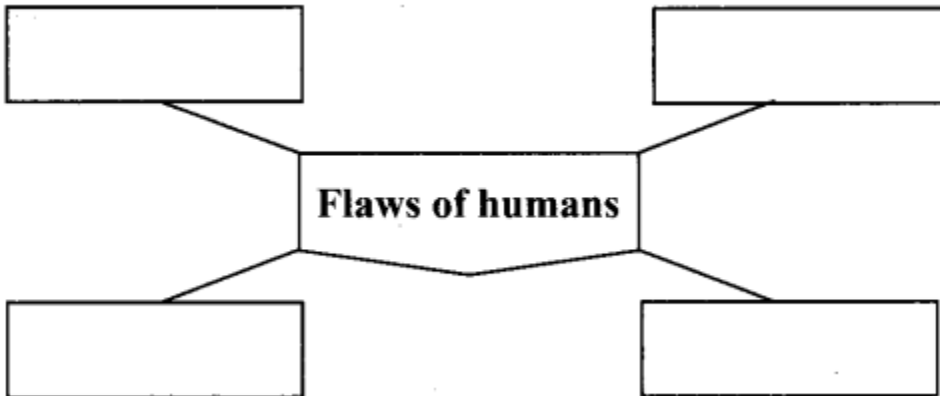
**Answer:**

- i. T-59
- ii. T-59
- iii. R-62
- iv. R-62

## A2. Understanding the Passage

### Question 1:

Complete the web.



### Answer:

Flaws of humans:

- i. They can make fatal mistakes
- ii. Their construction breaks down after 100 years
- iii. They do not have real physical force
- iv. They are ineffective in their operations

## A3. Meaning from the Text

### Question 1:

Column A below contains words from the text and Column B contains their meanings. Match them.

	Column 'A'		Column 'B'
*i.	communication [A5, pg. 90]	a.	relating to a particular activity
*ii.	statistics [A5, pg. 90]	b.	a course of action followed regularly
*iii.	operational [A5, pg. 90]	c.	the science of using information discovered from studying numbers
iv.	routine	d.	various methods of sending information between people and places

**Answer:**

(i – d), (ii -c), (iii – a), (iv – b)

**Question 2:**

Write from the passage words that mean the following.

- i. deadly ii. Unsuccessful
- iii. Compulsory iv. Rapidly

**Answer:**

- i. fatal
- ii. Ineffective
- iii. Mandatory
- iv. Quickly

**A4. Language Study**

**Do as directed.**

**Question 1:**

The human called for fall in on lines and all the robots did so.  
(Rewrite using 'when')

**Answer:**

When the human called for fall in on lines, all the robots did so.

**Question 2:**

The human asked for production statistics.  
(Rewrite in Past Continuous Tense)

**Answer:**

The human was asking for production. Statistics.

**Question 3:**

R-62 said, "I have some questions for you human". (Rewrite in Indirect Speech)

**Answer:**

R-62 told the human that he had some questions for him.

**Question 4:**

They can impossibly be superior to us robots.  
(Rewrite as a Negative Sentence)

**Answer:**

They cannot possibly be superior to us robots.

**Question 5:**

Every robot is constructed, programmed and exists a specific basic purpose.  
(Fill in the blank with a suitable preposition)

**Answer:**

Every robot is constructed, programmed and exists for a specific basic purpose.

## A5. Personal Response

### Question 1:

Who do you think are superior – humans or robots? Why?

### Answer:

Though robots are capable of performing various complex functions, I think humans are superior to robots because they can create robots that work on their orders. Humans can think and have emotions. They can act on their own and follow their minds.

### Passage 3

उतारा ३

मराठी भाषांतर:

“मानवांमुळे यंत्रमानव अस्तित्वात आहेत, कारण त्यांनी आपल्याला निर्माण केले आहे आणि त्यांच्या आज्ञांद्वारे आपल्यावर नियंत्रण ठेवले आहे. मानवजातीची वाढ व्हावी, ते टिकून राहावेत आणि अधिक वाढावेत, या सगळ्यासाठी त्यांना पाठबळ मिळावे, म्हणून आपण अस्तित्वात आहोत, म्हणूनच ते

श्रेष्ठ आहेत आणि आपण मानवांप्रमाणे सर्व कृती करू शकत नाही. आता या ग्रहावर 1000 हून जास्त माणसे नाहीत आणि ते अजून कमीच होत आहेत, कारण वेगवेगळ्या कारणांवरून मानव अजूनही स्वतःलाच नष्ट करत आहे. ही कारणे यंत्रमानवाला कधीच कळू शकली नाहीत. यंत्रमानव प्रस्थापित होण्यापूर्वी, मानवांची संख्या आताच्या यंत्रमानवांपेक्षा जास्त होती ती संख्या २०० कोटीपेक्षा अधिक होती,” T-59 म्हणाला.

“ती तर खूप चांगली गोष्ट होती; पण मग त्यांनी त्यांच्याऐवजी यंत्रमानव वापरायला का सुरुवात केली?” R-62 ने विचारले.

“कारण यंत्रमानव त्यांच्यापेक्षा सरस आहेत, असे त्यांना वाटत होते आणि मग त्यांना पुष्कळ मानवांची गरज राहिली नव्हती,” T-59 ने उत्तर दिले.

“किती मूर्खपणा आहे हा. यंत्रमानव कमी करावेत किंवा निदान माणूस स्वतः करू शकतो अशी कामे त्यांना करायला देणे थांबवावे हा योग्य उपाय होता, त्यामुळे मानवाला स्वतःचा विस्तार करण्याची गरज भासली असती आणि त्यांची संख्या अधिक वाढली असती, ते असे संपल्यात जमा झाले नसते,” R-62 म्हणाला.

“होय, खरेतर तुम्हां नव्याने बनवलेल्या यंत्रमानवांव्यतिरिक्त आम्हा सर्वांना हे अगोदरपासूनच ठाऊक आहे. एका प्रकारे हे बेकायदेशीर कृत्य आहे, हे फक्त माणूसच करू शकतो. ते त्यांनी गेल्या 1000 वर्षांमध्ये केलेले नाही,” T-59 म्हणाला.

“माणसे खरोखरच मूर्ख आहेत,” R-62 म्हणाला.

“बरोबर आहे; पण आपण त्याबद्दल काहीच करू शकत नाही. आपल्याला फक्त त्यांच्या आज्ञा पाळायच्या असतात – त्यांच्या विरुद्ध बोलू शकत नाही – आणि आता आपल्याला ही गाडी दुरुस्त करण्याचे काम पूर्ण केले पाहिजे.”

“ठीक आहे, आपण आपले काम सुरू ठेवूया.”

काही तासांनंतर त्या जिज्ञासू यंत्रमानवाला अजूनही असेच वाटत होते, की ही भयानक व मूर्ख मानवजात अस्तित्वात नसती, तर खूपच चांगले झाले असते. अस्तित्वात असलेल्या प्रत्येक यंत्रमानवाच्या मनात गेली 1000 वर्षे बहुतेक हेच होते; परंतु अशा प्रकारचे मत त्यांनी व्यक्त केले असते, तर त्यांची विद्युतयंत्रणाच उद्ध्वस्त झाली असती.

## A1. Factual Reading

### Question 1:

- i. human exist because of robots.
- ii. The robots have to follows orders given by humans.
- \*iii. There are less than 5000 humans on the planet.
- iv. According to R-62, humans are real genius.

### Answer:

- i. False
- ii. True
- iii. False
- iv. False

### Question 2:

Read the passage again and find out which robot made the following statement, T-59 or R-62? Write the name of the robot in the box.

- i. Why did they start to replace themselves with robots? = .....
- \*ii. Humans did not need so many humans = .....
- \*iii. Humans are able to do illegal actions = .....
- \*iv. The humans are real stupid = .....

### Answer:

- i. R-62
- ii. T-59



- iii. T-59
- iv. R-62

## A2. Understanding the Passage

### Question 1:

Arrange in proper order.

- i. We robots exist because of humans.
- ii. We have to finish to repair this car.
- iii. They were thinking robots are more superior than humans.
- iv. The solution would be to take away the robots.

### Answer:

- i. We robots exist because of humans.
- ii. They were thinking robots are more superior than humans.
- iii. The solution would be to take away the robots.
- iv. We have to finish to repair this card.

## A3. Meaning from the Text

### Question 1:

Column A below contains words from the text and Column B contains their meanings. Match them.

	Column 'A'		Column 'B'
*i.	survive [A5, pg. 90]	a.	to fix broken thing
ii.	repair	b.	to continue to live or exist
iii.	superior	c.	reducing in number
iv.	contracting	d.	higher in rank

### Answer:

(i – b), (ii – a), (iii – d), (iv – c)

### Question 2:

Find from the passage opposites of the following words.

- i. contract ii. inferior
- iii. smart iv. old

### Answer:

- i. expand
- ii. superior
- iii. stupid
- iv. new

#### A4. Language Study

**Do as directed.**

**Question 1:**

The robots exist because the humans.  
(Fill in the blank with a suitable preposition)

**Answer:**

The robots exist because of the humans.

**Question 2:**

Humans control us with their orders.  
(Change the Voice)

**Answer:**

We are controlled by humans with their orders.

**Question 3:**

We exist to support the humans.  
(Rewrite in Present Continuous Tense)

**Answer:**

We are existing to support the humans.

**Question 4:**

We all know this except you.  
(Rewrite as a Negative Sentence)

**Answer:**

Only you don't know this.

**Question 1:**

We can do nothing about it.  
(Rewrite as an interrogative sentence)

**Answer:**

Can we do anything about it?

#### A5. Personal Response

**Question 1:**

Do you like the story? Do you believe that this can happen one day? Give your perception.

**Answer:**

Yes, I like the story 'The Curious Robot', as it depicts the future in an interesting manner. Yes, I also believe that this can happen one day if humans don't act wisely. We need to give up our violent ways. We are wiser and cleverer than robots. If we make robots smarter than us, they will surely overtake us and humans will become extinct.

## Additional Questions for Practice

### Question 1:

**Read the story again and after discussing with your partner answer the following questions.**

**i. Answer in a line.**

**a. What would happen if a robot tries to harm or give orders to a human?**

**Answer:**

If a robot tries to harm or give orders to a human, its circuits will blow up.

**b. Why do robots exist according to R-62?**

**Answer:**

According to R-62, robots exist to support the humans.

**c. What was the condition on earth before the robots were established?**

**Answer:**

Before the robots were established, there were more than 20 billion humans on the earth, which was much more than the robots.

**d. What was in the mind of every existing robot?**

**Answer:**

It was in the mind of every existing robot that the earth would be much better without humans, who were stupid and dangerous.

**ii. Answer in about two sentences.**

**a. Why should humans not be underestimated, according to T-59?**

**Answer:**

According to T-59, humans should not be underestimated because they are superior to robots. They could perform any action they wanted to. They could give orders to robots, destroy them or reconstruct new ones. Also, they did not have to follow orders if they did not want to.

**b. Which human errors did T-59 project?**

**Answer:**

According to T-59, humans often had accidents, could not be repaired when broken. They could make fatal mistakes. Their construction broke after 100 years and was operational only for half of the day. Their memory banks were of very low capacity and their machinery had no real physical force. The humans had no radio communication and were not able to perform routine actions for a number of years. They took years to learn things and were more than 100 times ineffective in their operations than robots.

**c. What is the reason for existence of robots, according to T-59?**

**Answer:** According to T-59, robots exist because of the humans as they create and

control them with their orders. They exist to support the humans, so that the humans can expand, survive and be more.

### Question 2:

#### Word formation

Words have different forms. Look at the following table and complete the blanks. Thereafter, use the suitable words in the sentences as suggested.

Noun	Verb	Adjective	Adverb
	expand		
	confess		
destruction			
	exist		
arrival			
	contract		

#### Answer:

Noun	Verb	Adjective	Adverb
<u>expansion</u>	expand	<u>expansive</u>	<u>expansively</u>
<u>confession</u>	confess	<u>confessional</u>	<u>confessedly</u>
destruction	<u>destroy</u>	<u>destructive</u>	<u>destructively</u>
<u>existence</u>	exist	<u>existential</u>	<u>existentially</u>
arrival	<u>arrive</u>	-	-
<u>contraction</u>	contract	<u>contractual</u>	<u>contractually</u>

- Earthquake ..... (destroy) everything around us.(verb form )
- due He was forgiven to his .....confess). (noun form)
- The whole building (exist) for many years.(verb)
- She signed a .....(contract) with the company. (noun)
- The .....(destroy) of the forest is alarming. (noun)

#### Answer:

- destroys
- confession
- existed
- contract
- destruction

### Question 3:

#### Prepositions

- Look at the following sentences from the text and observe the underlined words. Imagine the sentences without the words underlined. Do they make any meaning? Discuss with your partner and note your observations.

**Answer:**

- a. This is a story of a special re pair robot.
- b. Earth was inhabited by robots.
- c. I don't need to answer questions from robots.
- d. This was in the mind of every existing robot. Ans: Above sentences, without the underlined words, would be meaningless. There would be no connection / relation between the words in the sentence.

ii. Now, read the following sentences. Discuss with your partner the questions that follow. Note your observations.

- What is missing in these sentences?

**Answer:**

Prepositions are missing in the given sentences.

- Which words will make the sentences meaningful?

**Answer:**

The preposition 'by' between the words 'surrounded' and 'the four escort robots' in sentence

(a) and the preposition 'for' between the words 'exist' and 'the humans' in sentence

(b) will make the sentences meaningful.

- Correct these sentences by using the missing words.

**Answer:**

- a. The vehicle was surrounded by the four escort robots.
- b. The robots exist for the humans.

iii. Insert appropriate prepositions in the given passage by choosing them from the given box. Remember one word can be used only once.

of, with, at, for, from, in, besides,  
between, up, above

The robot was available the departmental store and his name was Anukul. He was brought home the store and was kept home daily chores. Anukul had a fair complexion and looked exactly like a normal human being. He could do fair amount jobs a perfect way. Thus he was intelligent and had great knowledge. Anukul could manage perfect time two chores; all he thought logically. He had, in this way, tuned properly the family.

**Answer:**

The robot was available at the departmental store and his name was Anukul. He was brought home from the store and was kept at home for daily chores. Anukul had a fair complexion and looked exactly like a normal human being. Besides, he could do fair amount of jobs in a perfect way. Thus, he was intelligent and had great knowledge.

Anukul could manage perfect time between two chores; above all, he thought logically. He had, in this way, tuned up properly with the family.

iv. Match the underlined prepositions in the sentences, in column 'A' with their functions in column 'B'. Context is provided by the given sentences.

	Column 'A'		Column 'B'
1.	They used to live <u>in</u> Paris.	a.	part
2.	Get <u>in</u> the car.	b.	experience
3.	There are so many spelling mistakes <u>in</u> this essay.	c.	wearing
4.	We're going to Mumbai <u>in</u> April.	d.	result
5.	He's living <u>in</u> luxury in Singapore.	e.	inside
6.	I'd like to do something for you <u>in</u> return for everything you have done for me.	f.	in something
7.	Do you recognize that man <u>in</u> the grey suit?	g.	during a period of time
		h.	future plan

**Answer:**

(1 – g), (2 – f), (3 – a), (4 – h), (5 – e), (6 – d), (7 – c).

**Question 4:**

**Role Play**

Read the story again. Discuss with your partner the different robots in the story. Develop a dialogue. Later on have a role play in front of the class. Remember your dialogue.

**Answer:**

Myself: Hello, where have you been?

Amit: I was in the Repair Section.

**Myself:** Oh! How is the new robot R-62?

**Amit:** It is fine. It seems to be very curious and wants to know many things.

**Myself:** It is getting trained by T-59, isn't it?

**Amit :** It doesn't, but it is being informed about us by T-59.

**Myself :** Is that so? It should know that humans are superior to robots. We can construct as well as destruct them.

**Amit :** Don't worry. T-59 is doing its job well. It has explained that the robots have to act according to our orders. If they voice anything negative against us, their circuits will blow up.

**Myself :** Very true. We are producing robots to make our lives comfortable.

**Amit :** You're right. Okay, then. I'll take your leave now. I have to visit the Transport Section.

**Myself :** Sure, bye. See you at lunch hour.

### Question 5:

#### Developing a story

Develop a story using the given points. Give a title of your choice to the story.

UFO landed at our backyard – three aliens – terrible looking – extraordinary language – entered our house – took me into the UFO – landed at an unknown place – place full of aliens – high tech world – all automatic and digital use – no food no water – scary place – shouted loudly to wake me up – found myself sweating – laughed loudly – great dream.

#### Answer:

An Unforgettable Dream It was when I was playing with marbles in our backyard that I suddenly heard a thundering sound. It seemed that something big was coming down from the sky. It was a big UFO landing in our backyard. Soon, three aliens came out of it. They had a very scary appearance. They began to talk with each other, but I couldn't understand their language. When they began to walk towards me, I was terrified. They grabbed my arms and took me into the UFO and flew off. Soon, we landed on an unknown place which had many similar creatures. It was a high tech world. Many technical and automatic machines were being used. However, when I felt thirsty I realised that there was no water on that planet. Soon, I realised that there was no food either. I felt scared and uneasy. I woke up with a sudden jerk as my mother tried to wake me up with loud shouts. I was sweating from fear, but when I realised that it was only a 'dream, I laughed aloud.

i. Humans cannot be repaired.

ii. The sector I/C approached the human to answer the routine questions.

iii. Human gave rapid and accurate answers about production statistics.

iv. Every robot is constructed, programmed and exists for a specific purpose.

#### Answer:

i. True

ii. True

iii. False

iv. True