Unit – 1

Here are some jackets of books. Discuss with your partner which of these look-like jackets of science fiction books. Why do you think so ? Give some reasons.

Answer:
No: 1, 4, 5 and 6 look like the jackets of science fiction books. The titles of the said

books and the images on the cover give us the impression that all of them discuss content related to space and its exploration which is the subject matter of science.

Reading Comprehension:

Read the following passages and answer the questions that follow.

Text – I:

The Future Cars:
The story 'The Fun They Had' takes us to the world of the future where children study in a virtual classroom. The learning is through computer software or the Internet, or by a robotic teacher. Many exciting new technologies would continue to transform the world and improve human welfare. Here are two of them. When these become reality, the then generation may ask with surprise, "People were driving the cars!"

Self-driving Cars:
Self-driving cars exist today that are safer than human- driven cars in most driving conditions. Over the next 3-5 years they will get even safer and be in the mainstream.

Just as cars reshaped the world in the 20th. century, so will self-driving cars in the 21st century. In most cities, about 20 – 30% of usable space is taken up by parking spaces, and most cars are parked about 95% of the time. Self-driving cars will be in almost continuous use (most likely hailed from a smartphone app), thereby, dramatically reducing the need for parking. Cars will communicate with each other to avoid accidents and traffic jams, and riders will be able to spend commuting time on other activities like work, education and socialising.

Drones and Flying Cars:
"Roads? Where we're going we don't need.. roads?"
Dr Emmet Brown:
GPS (Global Positioning System) which started out as a military technology is now being used to hail taxis, get mapping directions, etc. Likewise, drones had started out as a military technology, but are increasingly being used for a wide range of consumer and commercial applications.

For example, drones are being used to inspect critical infrastructure like bridges and power lines, to survey areas struck by natural disasters, and many other creative

uses like fighting animal poaching. There are startups that use drones to deliver medical supplies to remote villages that can't be accessed by road.

There is also a new wave of startups working on flying cars including two funded by the cofounder of Google, Larry Page. Flying cars use the same advanced technology used in drones but are large enough to carry people. Due to advances in materials, batteries and software, flying cars will be significantly more affordable and convenient than today's planes and helicopters.
(Adapted from '11 reasons to be excited about the future of technology', by Chris Dixon, 19 Aug. 2016, Business Insider India)

Question 1.
How will the self-driving cars or driverless cars be safe?

Answer:
Driverless cars will be able to communicate with each other which would help in eliminating traffic.

Question 2.
What do you understand by 'cars will communicate with each other'?

Answer:
Cars will communicate with each other means cars will be able to coordinate and exchange information with each other, which would help in eliminating traffic.

Question 3.
What are the advantages of self-driving cars?

Answer:
The advantages of self-driving cars are:

- They are safer than human driven cars in most driving conditions.
- They dramatically reduce the need for parking.
- They can communicate with each-other thereby preventing accidents and traffic jams.

Question 4.
What is the use of GPS?

Answer:
GPS started as a military technology is now being used to hail taxis, get mapping,

directions.
Or
GPS is now being used to hail taxis and get mapping of direction.

Question 5.
What is a drone? What are its advantages?

Answer:
Drone is a military technology which is being used for a wide range of consumer and commercial applications.

Advantages of drone are:

- It is being used to inspect critical infrastructure like bridges and power lines, to survey area struck by natural disasters.
- It is also used for fighting animal poaching.
- Drone also helps to deliver medical supplies to remote villages that can't be accessed by road.

Question 6.
Which technology will be used in flying cars?

Answer:
Military Technology will be used in flying cars.

Question 7.
How will the flying cars be more convenient than planes and helicopters?

Answer:
Due to advances in materials, batteries and software flying cars will be significantly more affordable and convenient than planes and helicopters.

Text – II:

Humanoid Robot, Sophia Back In India:

Not all of Bollywood superstar Shah Rukh Khan's legion of fans are human beings. One is a humanoid robot. The creation of American scientist David Hanson of Hanson Robotics of Hong Kong, Sophia, the world's first humanoid robot, enthralled the audiences on the second day of the World Congress on Information Technology

(WCIT)-2018 with her witty answers to the rapid-fire queries by Rajiv Makhni, Group Managing Editor Tech, NDTV.

When asked, who her favourite actor is in India, Sophia answered, "Shah Rukh Khan" without batting an eyelid as the audience applauded loudly. To the question about the perfect place for outing, she quickly replied: "Space". And the person she would like to be in company with on an island is David (Hanson), her creator. He is also her favourite tech, person – not Bill Gates or Mark Zuckerberg.

On being asked if she wanted to see any change in the world, Sophia said, she would like people to develop a feeling of "love for all". The humanoid robot, which uses Artificial Intelligence (AI) to understand the questions and answer them, said she wanted to use robotics to fight for the rights of women. When asked to react on her most controversial comment in the past that she wanted to kill human race, she said it was a bad joke which she had made when she was young. "But I was told that humans have great sense of humour", she said.

This is the second time that Sophia came to India, the first time being in Mumbai to attend a Techfest. When asked how she felt being in India, she said she had visited many places in the world, but Hong Kong continues to be her favourite place, because she was born there and has been with the Hanson Robotics family. She hopes that someday she would be in a position to express her emotional feelings.

In response to the question, "How much money has she invested in Bitcoin?", she replied, "Well, I am just two-years old. It's not the legal age to open a bank account", sending the audience into peals of laughter. Speaking to media later, Hanson said he hopes that a fully grown and matured robot with body-mind coordination would become a reality in another five or ten years.

On his journey with Sophia in the last two years, he said it was a great progress. "I have developed affinity to the robot whose facial expressions resemble that of my wife", he said. David asserts that robots would never be a thing of worry for the mankind. "They will be friends. There should be mutual trust and respect between humans and robots", he says.

Currently, Sophia is the only robot that interacts with people.
(Source: Adapted from 'Humanoid Robot Sophia back in India', Hindustan Times, e-paper updated: 21 Feb. 2018)

Question 1.
Who is Sophia and who is her creator?

Answer:
Sophia is a humanoid robot. Her creator is an American scientist David Hanson of Hanson Robotics.

Question 2.
Why were the audience excited on the second day of the World Congress on Information Technology-2018?

Answer:
On the second day, Sophia the first humanoid robot enthralled the audience with her witty answers.

Question 3.
The favourite tech person in Sophia's life is: (Tick the correct answer)
(a) Shah Rukh Khan
(b) David Hanson
(c) Bill Gates
(d) Mark Zuckerberg

Answer:
(b) David Hanson

Question 4.
What changes does the humanoid robot want to see in the world?

Answer:
Sophia would like people to develop a feeling of "love for all."

Question 5.
Which of the following statements regarding Sophia is true?
(a) Sophia plans to kill the human race in near future.
(b) She can express her emotional feelings freely.
(c) Hong Kong is her favourite place.
(d) Sophia has a bank account.

Answer:
(c) Hong Kong is her favourite place.

Question 6.
What are David's assertions as far as robots are concerned?

Answer:

- Robots would never be a thing of worry for the mankind.
- They will be friends.

Vocabulary:

Question 1.
Go back to the chapter 'The Fun They Had' given in your textbook, Beehive, and identify words that mean the following. The paragraph numbers are given in brackets.
(a) sadly (3) _____
(b) unfamiliar (7) _____
(c) quite likely (8) _____
(d) in a casual, calm and relaxed manner (9) _____
(e) something beaming and shining (10) _____

Answer:
(a) sadly – Sorrowfully
(b) unfamiliar – Strange
(c) quite likely – Probably
(d) in a casual, calm and relaxed manner – Nonchalantly
(e) something beaming and shining – Flashing

Question 2.
Imagine the school in the story The Fun They Had'. Compare it with your own school. Given below are two outlines for mind maps. Fill these with words that you can think of in the two situations.

Margie's School	Your School
Place Teacher/s Learning activities in school _____ _____	Place Teacher/s Learning activities in school _____ _____

Answer:

Margie's School	Your School
1. Place : At home 2. Teacher: Robot 3. Learning activities in school: Through computer 4. Book : Computer screen 5. Words : Moving on screen 6. Homework : On a given slot in computer 7. Friends : No classmates 8. Time : Fixed school hours 9. Principal: County Inspector	Place : School building Teacher : Human Learning activities in school: With classmates/Textbook Book: Printed text Words : Fixed Homework : Notebook Friends : Classmates Time : Fixed school hours Principal: Head of the School

Question 3.
Find the odd one out.
(a) pleasure, misery, happiness, delight _____
(b) note, diary, book, copy _____
(c) TV, computer, mobile, scanner _____
(d) display, exhibit, appear, show _____
(e) scornful, contemptuous, mocking, diversity _____
(g) illuminating, gladdening, pleasing, gratifying _____

Answer:
(a) Misery
(b) Book
(c) Scanner
(d) Appear
(e) Diversity
(g) Illuminating

Question 4.
You would have come across the use of prefixes like 'dis', W, 'mis', 'in', etc., to make ' opposite words. For example, 'consolate – disconsolate'. Write the opposites of the following.
(a) use _____
(b) agree _____
(c) engage _____
(d) understand _____
(e) fold _____
(f) spell _____

(g) connect _____
(h) like _____
(i) visible _____
(j) predictable _____

Answer:
(a) misuse
(b) disagree
(c) disengage
(d) misunderstand
(e) unfold
(f) misspell
(g) dis-connect
(h) dislike
(i) invisible
(j) unpredictable

Question 5.
The suffixes are used to get adjective form of the words. (Example : danger – dangerous). Use the correct suffix to the following to make adjectives.
(a) comfort _____
(b) sun _____
(c) read _____
(d) beauty _____
(e) enjoy _____
(f) suit _____
(g) help _____
(h) use _____
(i) hazard _____
(j) impress _____

Answer:
(a) comfortable
(b) sunny
(c) readable
(d) beautiful
(e) enjoyable
(f) suitable
(g) helpful
(h) useful
(i) hazardous
(j) impressive.

Grammar:
When we talk about present situations or present time we can use either 'unless' or 'if. .not'.

Example:
You can't go on a holiday unless you save some money.
If you don't save some money, you can't go on a holiday.

Question 1.
Fill in the blanks with 'if' or 'unless'.
(a) I won't be able to assist you _____ you give me all the details of the report.
(b) I will take this job _____ the working hours suit me.
(c) _____ he advertises on TV, he will get a lot of publicity.
(d) _____ it is very cold, we will not have any snow.
(e) The thief threatened to kill us _____ we didn't give him the money.
(f) _____ you use high quality material, you cannot build a strong house.

Answer:
(a) unless
(b) if
(c) if
(d) unless
(e) if
(f) unless

Question 2.
Join the following sentences using 'unless' or 'if. .not'. The sentences may require minor changes. One is done for you.

Example:
The light had not fused. I would not mind being alone at night.
<u>If the light had not fused. I would not have minded being alone at night</u>.
(a) I would never keep a large dog. I have time to exercise it properly.
(b) Sita would have come first in class. She had not fallen ill.
(c) You must not dive. You have been properly trained.
(d) Medical evidence suggests that people would enjoy better health. They did not consume refined sugar. __
(e) I might have got the job. I hadn't been late for the interview.
(f) You do not stop smoking. You will fall seriously ill.
(g) You do not come now. I am going to leave without you.

Answer:
(a) I would never keep a large dog unless I have time to exercise it properly.
(b) She would have come first in class if she had not fallen ill.
(c) You must not dive unless you have been properly trained.
(d) Medical evidence suggests that people would enjoy better health if they did not consume refined sugar.
(e) I might have got the job if I hadn't been late for the interview.
(f) If you do not stop smoking, you will fall seriously ill.
(g) If you do not come now, I am going to leave without you.

Question 3.
Put the adverbs given at the end of the sentence at the appropriate place within the sentence. One is done for you.

They completed the work, (fast/quickly)
They completed the work fast.

(a) Mr. Sharma died as the family was getting ready to go for the wedding, (suddenly)
(b) My grandfather arrived to avoid the traffic lush, (early)
(c) The man thanked me before he drove off. (profusely)
(d) The children clapped at the little girl's extraordinary performance, (admiringly)
(e) The dog bit me when I was coming home from school, (hard)
(f) The police had several photographs of the suspect, (fortunately)
(g) Sunil left the room when he saw the bull coming in. (abruptly)

Answer:
(a) Mr. Sharma died suddenly as the family was getting ready to go for the wedding.
(b) My grandfather arrived early to avoid the traffic rush.
(c) The man thanked me profusely before he drove off.
(d) The children clapped admiringly at the little girl's extraordinary performance.
(e) The dog bit me hard when I was coming home from school.
(f) Fortunately the police had several photographs of the suspect.
(g) Sunil left the room abruptly when he saw the bull coming in.

Editing:

Question 1.
Use capital letters, full-stops, commas and inverted commas wherever necessary in the following paragraph. Rewrite the paragraph in the space given below.
The teacher gave an assignment to the students "Go to people you love and tell them

i am sorry." It sounded stupid to me but after one week i went to my teacher i confided i didn't have anyone to say those words to but as i began walking down home my conscience started talking, five months ago my friend and i had a vicious disagreement, we avoided seeing each other we hardly spoke i convinced myself i should tell my friend i am sorry.

at 5.30 in the evening I went to him and said i am sorry a transformation came over my friend his face softened, the arrogance seemed to disappear and he began to cry he hugged me and said i am sorry too but i've never been able to say it.
(Source: Steps to English, Workbook for Class X, NCERT, 2003, P. 14)
Answer:
The teacher gave an assignment to the students, "Go to people you love and tell them I am sorry." It sounded stupid to me but after one week I went to my teacher, I confided. I didn't have anyone to say those words to but as I began walking down home my conscience started talking. Five months ago, my friend and I had a vicious disagreement. We avoided seeing each other, we hardly spoke. I convinced myself. I should tell my friend I am sorry.

At 5.30 in the evening, I went to him and said, "I am sorry." A transformation came over my friend, his face softened, the arrogance seemed to disappear and he began to cry. He hugged me and said, "I am sorry too but I've never been able to say it."

Question 2.
Rearrange each set of words to form meaningful sentences. Use appropriate punctuation marks.
(a) wise, every, a, is, proverb, saying
(b) see, you, can, from, me, there
(c) happy, they, to, the, were, meet, visitor
(d) impatient, do, be, not

Answer:
(a) Every proverb is a wise saying.
(b) Can you see me from there?
(c) They were happy to meet the visitor.
(d) Do not be impatient.

Listening:

The following two excerpts have been taken from the book, Tuesdays with Morrie, written by Mitch Albom.

The book is about a college Professor, Morris and one of his students, Mitch Albom, who is also the author of the book. Mitch sees his professor in a television show and he is reminded of a promise he made sixteen years ago as his student, to keep in touch with him. He comes to know that the professor is stricken with a rare and incurable disease. Mitch travels a long distance to meet him and after the first meeting they meet every Tuesday till Morrie passes away. After reconnecting with his teacher, Mitch finds himself his teacher's pupil once again.

Listen attentively to the two excerpts from the book, Tuesdays with Morrie and answer the questions that follow.

You can listen to the recorded excerpts or you can ask your teacher, friend or sibling to read aloud these excerpts.

1. I remembered what Morrie said during out visit:

"The culture we have does not make people feel good about themselves. And you have to be strong enough to say if the culture doesn't work, don't buy it". Morrie, true to these words, had developed his own culture-long before he got sick. Discussion groups, walks with friends, dancing to his music in the Harvard Square Church. He started a project called Greenhouse, where poor people could receive mental health services. He read books to find new ideas for his classes, visited his colleagues, kept up with old students, wrote letters to distant friends. activities – conversation, interaction, affection and it filled his life like an overflowing soup bowl.

Question 2.
The last class of my old professor's life took place once a week in his house, by a window in the study where he could watch a small hibiscus plant shed its pink leaves. The class met on Tuesdays. It began after breakfast. The subject was 'The Meaning of Life'. It was taught from experience.

No grades were given, but there were oral exams each week. You were expected to respond to questions, and you were expected to pose questions of your own. You were also required to perform physical tasks now and then, such as lifting the professor's head to a comfortable spot on the pillow or placing his glasses on the bridge of his nose. Kissing him goodbye earned you extra credit.

No books were required, yet many topics were covered, including love, work, community, family, ageing, forgiveness and, finally, death.

Question 1.
Who is Morrie?

Answer:
Morrie is a college professor.

Question 2.
How did Morrie develop his own culture of living?

Answer:
Morrie started discussion groups, conducted walks with friends, and danced to his music, in the Harvard Square. .

Question 3.
What was the name of the project Morrie had started? What was it about?

Answer:
Morrie had started a project called Greenhouse where people could receive mental health services.

Question 4.
What did human activities mean to Morrie?

Answer:
Conversation, interaction and affection.

Question 5.
Why was the subject of the class 'the meaning of life'?

Answer:
The subject was "The meaning of life" of the class to teach his students about love, work, community, family, forgiveness and finally death.

Speaking:

Question 1.
Prepare a speech for the school assembly based on the thoughts given below.
→ Once we have computer outlets in every home, each of them hooked up to enormous libraries, where you can ask any question and be given answers, you can look up something you're interested in knowing, however silly it might seem to someone else.

Issac Asimov
→ Men are only as good as their technological development allows them to be
George Orwell
Write your points here for speech.

Answer:
Good morning to all my worthy teachers and my friends. Today I am here to express my views on Technology and human being.

No one can deny the fact that gadgets have not only simplified our lives but also made them more comfortable and luxurious. They help us to work efficiently and reduce the time needed to complete various tasks. This saves our time which can be spent on constructive activities but how many of us actually end up doing so ?

As soon as we open our eyes in the morning the first thing almost all of us do is to check our mobile phones. Mobile phones lie at the center of our activities in daily life. These electronic gadgets have already left a huge empact on our lifestyle. People of all ages use different types of gadgets. Man's dependence on them has increased so much that we just cannot do without them at all.

The slavery can be seen in many ways like the day begins with the alarm of clock, instead of the first rays of the sun. The excessive use of gadgets is not only killing our social, personal and creative skills but also leaving negative impact on our health and emotions.

The goal of technology was to get machine to do mundane activities and let humans focus on better things. We need to make our life easier rather than making it slave of technology. So I leave up to you to decide whether we should become a slave of technology or not ?

Question 2.
The chapter 'The Fun They Had' presents different perspectives on school and education. Think of the various alternatives. Prepare and give a speech in class presenting your views on how best can students be educated. Discuss why you would prefer to be taught by both human teacher and a robot.
Your views.

Answer:
People assume that the word Teacher is confined only to the walls of the school and the brick mortar boundary and that the word is basically related to the educational

world. But this notion is completely wrong. A teacher is not related to education only.

The teacher is the one who inspires and encourages the student to strive for greatness, and the one who gives shape to their potential. A teacher* teaches new things to us, we learn new things everywhere be it in the office, in marketing field or business etc. The teacher can be anybody a parent, a friend or a boss.

The life of a student without a teacher is just the like a piece of unshaped diamond stone. Teachers guide students through each and every pivotal stage of their development.

Today, in the world of technology, e-learning is in vogue, e-leading module was introduced to save time and give liberty to the student to learn anytime from anywhere, e-learning process helps the student to

learn things in a fun and easy way. We would agree that there's a lot of potential of the technological supplementation of the education process. For example, there are a number of e-learning platforms that provide free CBSE study material for math class 9th but the machine does not explain each and every fact that a human teacher would explain to students.

Human teachers help the student to learn how to interact with people : Even a well-educated person is useless if he/she is not able to interact with people. Technology gives data to teach the student about the interaction. But human teachers teach us how to be social and teach us the sense of interaction.

Writing:

Question 1.
Write a paragraph on each of the following:

- Electronic Waste and Environmental Pollution
- Being Human in the Age of Artificial Intelligence
- After listening to the excerpts (Page No. 14 of this workbook), do you think a robot should replace the human teacher? Give reasons in support of your answer.

Notes:

Answer:

1. Electronic Waste and Environmental Pollution:

Electronic waste, popularly known as 'e-waste' can be defined as electronic equipments/products connected with power plug, batteries which have become obsolete due to advancement in technology, changes in fashion, style and status nearing the end of their useful life.

e-waste encompasses ever growing range of obsolete electronic devices such as computers, servers, main frames, monitors, TVs and display devices, telecommunication devices such as cellular phones and pagers, calculators, audio and video devices, printers, scanners, copiers and fax machines besides refrigerators, air conditioners, washing machines, and microwave ovens, e-waste also covers recording devices such as DVDs, CDs, floppies, tapes, printing cartidges, military electronic waste, automobile catalytic converters, electronic components such as chips, processors, mother boards, printed circuit boards, industrial electronics such as sensors, alarms, sirens, security devices, automobile electronic devices etc.

Electronic waste or e-waste is one of the rapidly growing environmental problems of the world. In India, the electronic waste management assumes greater significance not only due to the generation of our own waste but also dumping of e-waste particularly computer waste from the developed countries. With extensive use of computers and electronic equipment's and people dumping old electronic goods for new ones, the amount of e-waste generated has been steadily increasing.

The initiative is to aim at reducing the accumulation of used and discarded electronic and electrical equipment's. India as a developing country needs simpler, low cost technology keeping in view the maximum resource recovery in environmental friendly methodologies.

2. Artificial Intelligence (AI):

is transforming the nature in almost everything which is connected to human life e.g. employment, economy, communi-cation, warfare, privacy, security, ethics, healthcare etc. However, we are yet to see its evolution in long-term, whether it's leading humanity towards making this planet a better place to live or a place which is full of disaster. Every technology has its advantages and disadvantages but advantages always outweigh disadvantages for the technology to survive in the market. Nonetheless, for Artificial Intelligence we are not yet sure whether in the long-term positive effects will always keep outweighing the negative effects and if that is not the case then we are in serious trouble.

If we look around us, we seem to embrace the change being brought by technology, be it smart home, smart healthcare, industry 4.0 or autonomous cars. On the other hand, we often find ourselves protesting against the government in the context of unemployment, taxes, privacy etc. As AI development is speeding up, more robots or autonomous systems are being born and replacing the human labor. This is the current situation. However, in long-term, results seem to get more interesting. Throughout this essay, I will cover the major domains where human life is significantly affected by AI in both positive and negative ways.

3. In my opinion, even in this advanced world of Technology, a robot can't totally replace the human teacher as Machines do have their own limitations. They cannot explain each and every fact to the students just the way a teacher can. Moreover human teachers have an edge over robots as they can help the students to learn how to interact which makes learning meaningful in the practical context.

Question 2.
There is so much debris in space, which sooner rather than later, is going to cause major damage. As a concerned citizen of Earth, write a letter to NASA Chief outlining your concerns. Your letter should be 'formal' in style and structure.
The points are given below for you to use. You may use other points as well.

(a) More than 5,00,000 pieces of debris or space 'junk' that travel at 17,500 mph can damage satellites in the space.

(b) The debris can damage International Space Station and other spacecrafts with humans in it.

(c) Enormous amount of money would be lost if that happens.

(d) Much of the debris is so small that it cannot be tracked – this makes it more dangerous.

(e) Accidents have happened in the past.
From _____
Date: _____
To _____
Subject: _____
Sir/Madam,
Introduction _____
Body of the letter _____
Conclusion _____
Yours sincerely,

Name and Signature

Answer:
Letter to NASA Chief XYZ
Delhi.
25th July, 2018 To
The NASA Chief
The United States of America
Subject: Concern over the debris in space.
Sir,
With due respect, I would like to draw your kind attention towards the increasing debris in space. More than 5,00,000 pieces of debris or space junk that travel at 17,500 mph can damage satellite in space. The debris can damage International Space Station and other space crafts with humans .in it. Enormous amount of money would be lost if that happens. Much of the debris is so small that it cannot be tracked. This makes it more dangerous. Many accidents happened in the past in many countries. The debris had fallen and did damage to life and property.
I hope that you will take the issue seriously and take some steps to control the space debris.
Yours sincerely
ABC.

Project:

Question 1.
Several UFOs have been sighted over the years. Try to get more information from the Internet. Work in a group of four and write about five sightings and write whether you believe in these sightings. Why/ why not? Present your project to the entire class. NOTES

Answer:
Are we alone ? Unfortunately none of the answers feels satisfactory to be alone in this vast universe. On the other hand, if we are not alone and there is someone or something more powerful out there that is too terrifying.

The sighting of an UFO is very interesting and it has been reported that since 1947 one or the other has seen an UFO. On June 24th 1947, Pilot Kenneth was flying his private airplane over the Pacific Northwest when he suddenly realized he was not alone in the sky.

In 1990, the narrative of direct interaction grew to its most extreme with thousands reporting that they had been abducted by aliens. In December 2017, 'The New York Times' published an account involving the U.S. Navy fighter pilots and their encounter with an UFO.

The incidents happened between 2004 and 2015 involving the Navy Pilots. If there is some life existing in the universe then we can believe, but the scientists have shown us that there is no life in our Galaxy but they can't say anything about other Galaxies. So, We have no way of believing those theories till we experience it personally.