Science f iction or science fact?

The existence of super-intelligent machines in which lifelike robots in the future obey and perform complicated tasks, has moved quickly from science fi ction to science fact. From facial identifi cation systems in our phones, to algorithms that help us search the internet, the development of Artifi cial Intelligence (AI) has changed the way we interact with technology.

What is AI?

AI is already a part of our lives in the form of the computer technology. This type of AI is called Narrow AI and it focuses on a particular task it has been programmed to do. For example, it can be used for the GPS systems in a car, or the oicerecognition systems that let us talk to our smart devices. AI suggests things for us to listen to, it can remind us to do something important, and is also used in social media to send users adverts.

General AI, on the other hand, allows machines to learn, reason and make judgements based on previous experiences – just like humans! This kind of super-intelligence isn't a reality quite yet, but the aim is to teach it to do better than humans in all tasks that require mental effort. There are disagreements about when General AI might become a reality. Some experts say never, while others believe it could happen as early as 2045.

A. True/False Questions

1. The idea of super-intelligent robots performing complex tasks is still considered science fiction.

2. Narrow AI is designed to perform a wide range of tasks, just like a human.

3. General AI is already a common part of our daily lives.

4. All experts agree that General AI will become a reality by the year 2045.

B. Multiple Choice Questions

1. What is the main purpose of Narrow AI?

a) To learn and reason like a human.

b) To perform a specific task it was programmed for.

c) To become super-intelligent.

d) To disagree with experts.

2. Which of the following is NOT given as an example of Narrow AI?

a) Facial identification systems

b) GPS in a car

c) A robot that makes judgements based on experience

d) Voice-recognition systems

3. According to the text, what is the goal of General AI?
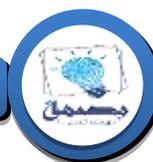
a) To perform a single task perfectly.

b) To send users adverts on social media.

c) To suggest things for us to listen to.

d) To outperform humans in all mental tasks.

4. What does the pronoun "it" refer to in this sentence: "...while others believe _it_ could happen as early as 2045."?

a) Narrow AI

b) The development of facial recognition

c) The reality of General AI

d) A disagreement among experts

C. Fill-in-the-Blank Questions

1. The development of Artificial Intelligence has changed the way we _____ with technology.

2. AI that is already part of our lives and focuses on a particular task is called _____ AI.

3. General AI would allow machines to learn, reason, and make _____ based on previous experiences.

4. Some experts believe General AI could become a reality by the year _____ .

Answer: 2045

D. Short Answer Questions

1. According to the text, what are two examples of how Narrow AI is used in everyday life?

2. What is the key difference between Narrow AI and General AI?

Section 2   **(vocabulary)**

A. Fill in the Blanks Complete the sentence use the words from box

Organism- pressure -force - radiation -galaxy

1. "Scientists have been studying our _____ for years to understand the stars and planets."

2. "Every living _____ is made of cells that divide to reproduce."

3. "The _____ that keeps us connected to the Earth's surface is called   gravity."

4. "It's best to avoid _____ because it can have harmful effects on health."

5. "Water exerts a lot of _____ on objects submerged in it."

B. Complete the table with the words

Verbs	Nouns
achieve	
	development
disagree	
exist	
	identification
	interaction
possess	
	proposal
recognise	
	requirement

C. Choose the correct words to complete the sentences

1 .The organism / gravity we are studying divides its cells to reproduce.

2. We'd like to do some radiation / research into these strange waves.

3 .The force that keeps us connected to the Earth's surface is radiation / gravity.

4 .Every living organism is made of pressure / cells.

5. It's best to avoid cells / radiation because of harmful effects.

6. Water exerts a lot of pressure / gravity on the things in it.

D. Match the phrases with their meanings:

Phrase	Meaning
1. Blow my mind	a. Change my decision
2. Change my mind	b. Amaze me completely
3. Make up my mind	c. Expands my understanding
4. Broadens my mind	d. Decide finally

Answers:

Section 3 **Grammar**

A. Fill in the blanks with the correct form of the verb:

1."I _____ (study) English for five years, and I _____ (just/pass) my advanced exam."

2. "I remember _____ (visit) Paris when I was a child, but I must remember _____ (book) the tickets for my next trip."

3. Complete the dialogue with the correct future forms:

A: "What _____ (you / do) this weekend?"

B: "I _____ (probably / visit) my grandparents."

4. "When I _____ (arrive) at the party, everyone _____ (already / leave)."

5. "They _____ (work) on this project since January."

6. "I enjoy _____ to music while studying."

7. "She decided _____ (study) abroad next year."

B. Correct the error in the sentences:

1."She has been knowing her best friend since childhood."

Answer:

2. "Yesterday I have been working on my project all day."

Answer:

C. Write a question using the Present Perfect Continuous:

1.(you / wait / long) ?

Answer:

2. Make a complete sentence using this verb pattern:

"can't stand / wake up / early"

Answer:

D. Rewrite the sentence using the verb in brackets:

1."He continued his work despite the noise. (carry on)"

Answer:

2. Rewrite this sentence using the word given:

"I started learning Chinese three years ago." (HAVE)

Answer:

Section 4 | **Writing**

Write a short paragraph about a situation in which you had to make an important decision. Use phrases from the box.

> blow my mind change my mind don't think much of make up my mind think ahead think seriously think twice

Answer

Section 1 Read the text and answer the questions.

Science fiction or science fact?

The existence of super-intelligent machines in which lifelike robots in the future obey and perform complicated tasks, has moved quickly from science fiction to science fact. From facial identification systems in our phones, to algorithms that help us search the internet, the development of Artificial Intelligence (AI) has changed the way we interact with technology.

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A. True/False Questions

1. The idea of super-intelligent robots performing complex tasks is still considered science fiction. **False**

2. Narrow AI is designed to perform a wide range of tasks, just like a human. **False**

3. General AI is already a common part of our daily lives. **False**

4. All experts agree that General AI will become a reality by the year 2045. **False**

B. Multiple Choice Questions

1. What is the main purpose of Narrow AI?

a) To learn and reason like a human.

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2. Which of the following is NOT given as an example of Narrow AI?

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3. According to the text, what is the goal of General AI?

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a) Narrow AI

b) The development of facial recognition

c) The reality of General AI

d) A disagreement among experts

C. Fill-in-the-Blank Questions

1. The development of Artificial Intelligence has changed the way we _____ with technology. **Answer: interact**

2. AI that is already part of our lives and focuses on a particular task is called _____ AI.   **Answer: Narrow**

3. General AI would allow machines to learn, reason, and make _____ based on previous experiences.   **Answer: judgements**

4. Some experts believe General AI could become a reality by the year _____.
Answer: 2045

D. Short Answer Questions

1. According to the text, what are two examples of how Narrow AI is used in everyday life?

Answer: Any two of the following: Facial identification in phones, internet search algorithms, GPS in cars, voice-recognition systems, suggesting music/videos, sending reminders, sending adverts on social media.

2. What is the key difference between Narrow AI and General AI?

Answer: Narrow AI is programmed for a specific task, while General AI can learn, reason, and make judgements like a human.

Section 2   **(vocabulary)**

A. Fill in the Blanks Complete the sentence use the words from box

Organism- pressure -force - radiation -galaxy

1. "Scientists have been studying our _____ for years to understand the stars and planets."   **Answer: galaxy**

2. "Every living _____ is made of cells that divide to reproduce."
Answer: organism

3. "The _____ that keeps us connected to the Earth's surface is called   gravity."
Answer: force

4. "It's best to avoid _____ because it can have harmful effects on health."

Answer: radiation

5. "Water exerts a lot of _____ on objects submerged in it." Answer: pressure

B. Complete the table with the words

Verbs	Nouns
achieve	achievement
develop	development
disagree	disagreement
exist	existence
identify	identification
interact	interaction
possess	possession
propose	proposal
recognise	recognition
require	requirement

C. Choose the correct words to complete the sentences

1 .The organism / gravity we are studying divides its cells to reproduce.

2. We'd like to do some radiation / research into these strange waves.

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3. Make up my mind	c. Expands my understanding
4. Broadens my mind	d. Decide finally

Answers:

1-b, 2-a, 3-d, 4-c

Section 3 | **Grammar**

A. Fill in the blanks with the correct form of the verb:

1."I _____ (study) English for five years, and I _____ (just/pass) my advanced

exam." **Answer: have been studying, have just passed**

2. "I remember _____ (visit) Paris when I was a child, but I must remember

_____ (book) the tickets for my next trip."   **Answer: visiting, to book**

3. Complete the dialogue with the correct future forms:

A: "What _____ (you / do) this weekend?"

B: "I _____ (probably / visit) my grandparents."

Answer: are you going to do, will probably visit

4. "When I _____ (arrive) at the party, everyone _____ (already / leave)."

Answer: arrived, had already left

5. "They _____ (work) on this project since January." **Answer: have been working**

6. "I enjoy _____ to music while studying." **Answer: listening**

7. "She decided _____ (study) abroad next year." **Answer: to study**

B. Correct the error in the sentences:

1."She has been knowing her best friend since childhood."

Answer: She has known her best friend since childhood.

2. "Yesterday I have been working on my project all day."

Answer: Yesterday I was working on my project all day.

C. Write a question using the Present Perfect Continuous:

1.(you / wait / long) ?

Answer: Have you been waiting long?

2. Make a complete sentence using this verb pattern:

"can't stand / wake up / early"

Answer: I can't stand waking up early.

D. Rewrite the sentence using the verb in brackets:

1."He continued his work despite the noise. (carry on)"

Answer: He carried on working despite the noise.

2. Rewrite this sentence using the word given:

"I started learning Chinese three years ago." (HAVE)

Answer: I have been learning Chinese for three years.

Section 4 | **Writing**

Write a short paragraph about a situation in which you had to make an important decision. Use phrases from the box.

blow my mind change my mind don't think much of make up my mind think ahead think seriously think twice

Answer

Last year, I had to think seriously about which university to attend. At first, I was set on studying Art, but after visiting the campus for their Engineering program, the advanced robotics lab completely blew my mind. I had to think twice about my original choice. While I don't think much of giving up on a dream easily, I knew I had to think ahead to future career opportunities. It was difficult, but I finally made up my mind to pursue Engineering. It was a huge decision, and even though some people thought I would change my mind, I knew it was the right path for me.