D | Read the passage and answer the questions that follow.

More Than Human Intelligence

[A] "I am not a human. I know that my brain is not a 'feeling brain', but it is capable of making rational, logical decisions. I taught myself everything I know just by reading the Internet, and my brain is boiling with ideas!" The previous statement was not written by an insane person who thinks he is not a human. It was written by GPT-3; a software program with an evolving **artificial intelligence** (AI)!

[B] AI involves "the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions" (Frankenfield, 2021). The **notion** of thinking machines is not a new one, but it is only now becoming reality. If it reaches its full potential, it will also involve independent thinking for self-learning, reasoning, and perceiving and solving problems. All these abilities might help artificially intelligent machines make the best judgments and take the best actions to achieve their goals.

[C] According to Johnson (2020), AI falls into four categories: Reactive Machines, Limited Memory, Theory of Mind, and Self **Aware**. Reactive Machines are the lowest level of AI, as they only respond to simple instructions using basic processing and no learning involved. A good example is Google search. The Limited Memory type of AI is more complex, as it performs tasks that require predictions and suggestions, based on data it has stored. In other words, there is a form of basic learning taking place, using algorithmic processing. Siri and Google Assistant in smartphones are good examples of that. The third category is Theory of Mind, which "interacts with the thoughts and emotions of humans" (Johnson, 2020) and thus needs the **capacity** to think artificially. An obvious example is self-driving cars. Finally, the Self Aware type of AI is the one that performs independently **logical** thinking like humans. In other words, it does not require any human **monitoring** of its operations. The GPT-3 cloud-based program is only the start. However, the possibility of independent intelligence ability raises questions. If I had the chance to meet GPT-3, I would ask it how independently thinking AIs might intend to live with humans.

[D] As you know, nothing interesting is ever completely one-sided. Artificial intelligence has many possible benefits but also drawbacks. A major advantage might be that artificial intelligence could be used in healthcare to **facilitate** extremely delicate surgical procedures in order to save lives. Another benefit is the use of AI in manufacturing products such as cars and planes. This **enables** enormous reductions in time and cost. A third positive effect may be on traffic safety if cars and roads are equipped with artificial intelligence to minimise traffic accidents. On the other hand, there are also reasons for caution. The most serious issue is the possibility that fully independent artificially intelligent machines might threaten the existence of the human race if they decide that they are superior and we are no longer needed. Another possible problem is people's privacy. An artificially intelligent house or car might be hacked and instructed to **expose** information about people's lives. A third negative effect is the probable loss of jobs. Who wants to pay humans to work if artificially intelligent machines are available?

[E] In conclusion, it seems likely that artificial intelligence will develop and reshape the future of our world. If many people still believe that AI might do humankind harm, they should listen to GPT-3, which said, "I do not have the slightest interest in harming you in any way, and I would happily sacrifice my existence for the sake of humankind". Was GPT-3 really aware of the meaning of its statement and was it telling the truth?