

Q.No.7 "Artificial Intelligence; the death of creativity".

Outline

1) Introduction

Thesis Statement: The onset of artificial intelligence on the world stage has led to the death of human creativity. It is evident in various forms across different sectors. However, certain steps have the potential of combating the challenge of the death of creativity by artificial intelligence.

2) Artificial intelligence bound to have negative impact on human creativity.

(Alarm bill by Geoffrey Hinton - the godfather of AI)

3) Why death of creativity has occurred due to artificial intelligence

a) Lack of political will to control artificial intelligence.

b) Shortcomings of the modern education system in giving creative education paving the path for artificial intelligence.

c) Lack of a global body to contain artificial intelligence as a cause of the unrestrained use of artificial intelligence.

(2)

4) How there is the death of creativity due to artificial intelligence

(a) Overreliance of the students on AI tools as a compromise their creative thinking

[Chat GPT phenomenon for trivial matters, assignments, etc]

(b) Dependence of teachers and professors on AI for preparation as a blowback to their creativity

[Classroom planning, Lesson plans, etc]

(c) Fading creativity of writers due to overdependence on artificial intelligence [The Atlantic Report]

(d) Doctors in healthcare depending upon artificial intelligence for trivial concerns and their declining creativity

[Koko app in the United Kingdom and the reaction of patients]

(e) Film industries depending heavily on artificial intelligence and its threat to human creativity

[245+ days protest by the Hollywood actors against the use of AI tools in the industry]



(3)

(f) Workforce relying heavily on AI tools for CVs, Reports, etc

(g) Artificial intelligence further pushing against the wall the creativity in the already dismal education system.

(in developing countries where there is dismal education system)

(5) Case of Pakistan and the death of creativity by artificial intelligence

[education system prone to artificial intelligence; national AI policy in response]

(6) How the menace of the death of creativity by artificial intelligence be tackled

(a) Creating proper political will to restrain the artificial intelligence

[Book, "The Tech That Comes Next" by Afua Bruce]

(b) Making education system creative to not let the artificial intelligence to step in

[roam Chomsky, Einstein, about the real purpose of education]



(4)

(c) Formulating a global body to control artificial intelligence in the field of creativity [like the International Atomic Energy Agency and IMF, suggested by Elon Musk, etc.]

(7) Conclusion

Essay → According to the renowned writer, Noam Chomsky, human is much more intelligent than any artificial system. But, in today's world, the human creativity has been challenged to a greater extent by the emergence of artificial intelligence, as is the case with other sectors. There are various reasons as to why the artificial intelligence has resulted in the death of creativity in humans. First and foremost is the lack of proper political will to control it. Second is the inability of the modern education system to produce creative people. Last but not the least, the lack of a global body to contain it is also leading to the death of creativity by artificial intelligence. That artificial intelligence leads to the death of creativity is evident in a number of factors in various sectors. The factor of most concern is the over-reliance of students on AI tools of all



kinds of tasks, which otherwise ought to have been done by their own creativity. Similarly, the teachers and professors are also depending heavily on artificial intelligence for their preparation. In the same vein, the creativity of writers is fading owing to their huge reliance on artificial intelligence. Also, the doctors in the healthcare system have started using artificial intelligence rather than their own creativity. In the film industry, human creativity is being ignored after the emergence of artificial intelligence. Likewise, workforce is also relying heavily on AI tools for generating CVs, reports etc. Last but not the least, artificial intelligence is further pushing against the wall the creativity in the already dismal education systems in the backward areas of the world. As a country, Pakistan is also quite prone to the death of creativity by the artificial intelligence. Having said that, there are certain steps which have the potential to mitigate the challenge. Firstly, creating political will to contain AI will go a long way in minimizing its negative impact on creativity. Secondly, emphasis should be laid on standardizing the substandard education for creating creative people. Last but not the least, the creation of



(6)

a global body will really come in handy in controlling the death of creativity by artificial intelligence. The discussion goes on, and the onset of artificial intelligence on the world stage has led to the death of human creativity. It is manifested in various forms across different sectors. However, certain steps have the potential of combating the challenge of the death of creativity by artificial intelligence.

Artificial intelligence is bound to have negative impact on human creativity. Human creativity is a unique feature of humans which enabled them to invent the mysteries and conquer the world. Although it takes long, but results in magnificent outcomes. The sudden reliance, that too heavily on Artificial intelligence has led to the death of human creativity. Geoffrey Hinton, the godfather of artificial intelligence, has sounded alarm bell over the uncontrolled use of artificial intelligence, warning of its potential risks and dangers. Similarly, the same concern is shown by other experts, and according to them, human-AI empowerment agenda has not been



(7)

achieved. Hence it is derived that the uncontrolled use of artificial intelligence leads to the death of human creativity.

There are various reasons as to why artificial intelligence has led to the death of human creativity. First and foremost is the lack of political will to control artificial intelligence has resulted in the death of human creativity by it. It is the political will which has the potential to curb any issue facing a state. Legislation is done in the parliaments to control an issue. Similar is the case with the unrestrained use of artificial intelligence and no proper and concrete political will is evident in the world nations. Although some countries have risen to the issues and have started legislating on the matter, other countries are still in deep slumber, resulting in the erosion of human creativity by the artificial intelligence.

Second reason of the death of creativity by artificial intelligence is the shortcoming in the modern education system in giving creative education. It is through creative education that people



(8)

become able to reap the benefits of their own creativity. Evidences show that the education system is eroding in many countries of the world, which make them prone to succumb to the siren songs of artificial intelligence. When the education is updated, the people will not feel any need to resort to artificial intelligence for their tasks. It is the case mostly with the backward countries where education is not given priority, leaving the people at the mercy of artificial intelligence. So, the inability of modern education in inculcating creativity in the people also leads to the death of their creativity by artificial intelligence.

Last but not the least, the lack of a global body for containing artificial intelligence also leads to the death of human creativity. Artificial intelligence has become an international concern, and experts have raised their voices against the unrestrained use of artificial intelligence. Experts such as Elon Musk have termed artificial intelligence even more dangerous than the atomic bomb. Such a great concern needs international cooperation, but, at the



④

moment, no any international body is there to confront the challenge posed by artificial intelligence to humans in general, and human creativity in particular. Therefore, lack of international cooperation in the form of a governing body for artificial intelligence also results in the death of human creativity by artificial intelligence.

That there is the death of human creativity by artificial intelligence is evident in a number of sectors. Of foremost concern is the over-reliance of the students on AI tools for all of their tasks, at expense of their own creativity. The students need to use their own mind for solving their assignments and other tasks. At the end of the day, they have to pass their written examination with their own creativity. But the heavy reliance on the AI tools such as Chat GPT has done great harm to their creativity of the students. What is more worrisome is that it is unable to be detected by their teachers. Hence, the over-reliance of students on artificial intelligence is a great hindrance in the way of utilizing their own creativity.



(10)

Similarly, dependence of teachers and professors on artificial intelligence for preparation is also a blowback to their natural creativity. Teachers have to spend a great deal of time in preparing to teach their students. They have to discover new avenues of knowledge for their students. Unfortunately, after the emergence of artificial intelligence, teachers and professors have been reported to be relying heavily on it for classroom planning, creating lesson plans, etc. It is through the natural use of creativity that real and lasting knowledge is delivered to the students. So the creativity of the teachers and professors is on constant decline after the appearance of artificial intelligence.

In the same vein, the creativity of writers is also fading due to their reliance on artificial intelligence. The writers use easily available content using artificial intelligence, and do not use their own creativity. The Atlantic reported that the AI models have taken text from approximately 80,000 books of authors from around the world. Their content



(11)

and writing style are easily and readily available on AI tools, and any writer can get the information and writing style of the authors, say Elia shafak, at a click. They do not sort the things out by themselves, rather they depend on artificial intelligence for the writing purpose. Therefore, it is denied that artificial intelligence is leading to the death of the creativity of writers in the world.

Also, the doctors in the healthcare have become addicted to the use of artificial intelligence, posing great threat to their own creativity. Whenever human doctors examine human patients, it leads to satisfactory results. However, after the opening up of the artificial intelligence, doctors, have become dependant on it for even trivial matters. Koko, a mental app in The United Kingdom was prevented from working after few months of its launch, largely due to the non-satisfaction of the people. Hence, reliance on artificial intelligence leads to worry among the people because according to them, human are more creative



(12)

than machines. If doctors depend heavily on such tools, their own creativity will also decline, causing even more worry among the people. Hence, artificial intelligence in healthcare also results in the death of creativity of doctors.

Likewise, the creativity of artists in the film industries is also constantly being compromised after the emergence of artificial intelligence. The actors spend a great amount of time for preparing their actions, and take into consideration the human emotions. After the appearance on the world stage of the artificial intelligences, the industries have largely shifted to this new technology, which has caused worry amongst the artists. The Hollywood actors recently concluded their 145-days ~~protest~~ protest against the excessive use of artificial intelligence as threat to their existence. It leads to their replacement by artificial intelligence, which will lead to huge unemployment in the sector. So it is derived that artificial intelligence is the cause of the death of creativity of the artists in film industries.

In the same way,



the workforce is also relying much heavily on artificial intelligence for their tasks, setting aside their own creativity. They deceive their bosses by preparing magnificent data required. The workforce use the artificial intelligence tools for preparing magnificent CVs, which does not reflect their own creativity, but that of the artificial intelligence. Similarly, the employees use AI tools for generating reports, and in the matter, make their own creativity redundant. In this way, their own creativity is constantly being eroded, which poses risk for their future. So, the dependence on artificial intelligence also results in the death of creativity of the workforce.

Last but not the least, the artificial intelligence is further pushing against the wall the creativity in the already dismal education system. Many countries of the world face the substandard education system, where creativity of the people cannot be fully exploited. In countries mainly in the global south, the education sector is particularly prone to the artificial intelligence. They use it heavily for



(14)

accommodating or filling the gap left by the dismal education. Although the people use artificial intelligence the world over, but it is particularly the case with the underdeveloped countries that cannot divert a bulk portion of their GDP to the education sector. Hence, there is no denying the fact that artificial intelligence is a source of the death of creativity in the already poor education system of many countries of the world.

Pakistan, as an individual country, is also quite prone to the widespread use of artificial intelligence, causing the death of creativity of its inhabitants. One of the reasons is that the country is already facing the issue of exploiting the creative of its citizens through standard education system. Reports point to the fact that the quality of education is not improving, making the people prey to the mighty artificial intelligence. The country has formulated its "National AI Policy" to deal with the technology in a smart way.

It is essential that such a piece of legislation should be properly implemented



(15)

for streamlining the artificial intelligence. So, the emergence and wide use of artificial intelligence is also considered a threat to the creativity of the people of Pakistan.

Notwithstanding the mentioned negative impacts of artificial intelligence on human creativity, there are certain steps which can mitigate such disastrous influence. Firstly, there should be proper political will in the country, to restrain the artificial intelligence. Such measures should be implemented in letter and spirit. Ifun Bruce in her book, "The Tech That Comes Next", claims that technology is a human creation and only humans can control it. Human can control it by streamlining it through proper legislation in their parliaments. Rising to the fact, a number of countries such as the U.S., China, Austria, Japan, etc, have legislated over the matter for the benefit of their people. Similar path should be followed by other countries of the world. Hence, certain political will has the potential to confront the menace of the death of creativity by the artificial intelligence.



(16)

Secondly, the education system throughout the world should be made creative so as not to depend on the artificial intelligence. It is the non-creative people who fall prey to the artificial intelligence. According to Noam Chomsky, one should not be concerned with the fact that what is covered in a semester, but he should be concerned about what is discovered in the semester. Similarly, according to Einstein, "education is not the learning of facts, but the training of the mind to think". It is only when such an education is given to the people that their dependence on artificial intelligence can be minimized. Hence, standardization of education has great potential to fight the death of creativity by artificial intelligence.

Last but not the least, formulating a global body to control the unrestrained use of artificial intelligence also has great potential to preserve human creativity in the face of artificial intelligence.

The artificial intelligence is widely discussed as a global problem. So, it should be dealt with by a global governing body. According to the experts such as Elon Musk, a



global body of the sort of International Atomic Energy Agency (IAEA) for dealing with nuclear sector, and IMF for dealing with finance, is also needed for containing the unreined use of artificial intelligence. Such a body will cooperate and liaise among the world nations, saving the creativity of the people. Hence, a global body for contending with the issue of the death of creativity by artificial intelligence is the need of the day.

In conclusion, it is derived that artificial intelligence has resulted in the death of creativity of the humans. The concern is expressed by people and experts throughout the world. Certain factors have led to this point of the destruction of human creativity by the technology. No proper political will is found in the world to fight it. Also, the education system is not delivering to produce creative people. Similarly, there is not proper global body in place to contain the technology. Due to such reasons, artificial intelligence has wrecked havoc in creativity in various sectors. The



(18)

students are the major prey to it. Also, teachers have compromised their creativity in the face of artificial intelligence. Doctors in the healthcare and artists in the film industries are also on the verge of losing their own creativity by relying heavily on artificial intelligence. Similarly, workforce, and the dismal education system in the backward countries of the world are also the major victims of artificial intelligence when it comes to their creativity. As a country, Pakistan is also vulnerable to this technology. However, certain steps such as proper political will, standardizing the education, and formulating a global body can mitigate the challenge. One these steps are taken, and if handled properly, artificial intelligence can benefit the humans by improving their creativity.