

Date: 2/7/25

Day:

## Topic: Pros and cons of AI

### Outline

Choose your words very carefully

While writing your points be very specific which one to be written first

1. The relationship between human and

Give very authentic and evidence based argument .

Make a parity in both pros and cons

Dan Brown

As far as recommendations. Give pertinent suggestion atleast three

Q - What is Artificial Intelligence ?

3 - Thesis statement: No doubt, Artificial

Intelligence plays an important role

in increasing the efficiency of humans in every field of life but

, at the same time, it is the threat

to creativity, defense of a country

and much more by its unethical

use. However, AI potential harms

can be reduced by its regulation

and ethical use.

### B. Positive Impacts of Artificial Intelligence

1. Enhancing research and data

## Processing;

a- AI processes vast amounts of data within minutes

b- Computer expert Edward Fredkin views

## 2- Solving complex problems efficiently;

a- AI powered tools in field of medicine, security, governance and public policy

b- Reducing human effort and increasing productivity.

Choose words very carefully

## 3- Political implications of AI;

a- E-governance Systems

b- Improved national security via surveillance

## 4- Economic opportunities with AI;

a- Opens new markets and jobs online

## 5- Social benefits;

a- Enhances quality of life through Smart homes, virtual assistance

b- Improves accessibility for people with disabilities (AI-powered speech and vision tools)

## 6- Technological advancements

driven by AI

a- Accelerates innovation in science, health care, transport and education

### 7- Environmental advantages;

a- Climate modeling, smart

agriculture, weather forecasting

b- Disaster prediction

### 8- Religion and AI;

a- AI enhances outreach and

accessibility of religious texts

### 9- AI in legal matters

a- legal assistance to remote areas of Pakistan

b- 2.26 million cases are pending, AI will help to boost this process.

## C. Challenges of Artificial Intelligence

### 1- Weakening human cognitive abilities;

a- Over-reliance on AI discourage independent critical thinking

b- Case study of Pakistani youth

## 2- Diminishing human emotions and social bonds;

- a- Family structure and relations getting worse due to excessive use of AI powered phones.
- b- Promoting social isolation and alienation throughout the world

## 3- Ethical and political concerns;

- a- AI can fabricate and manipulate data
- b- Deep fakes threatened integrity during Pakistan-India war on 07 May, 2025

## 4. Economic cons due to AI;

- a- Massive job displacements in traditional Sector due to automation

## 5. Social alienation;

- a- Reduced human interaction
- b- Biases in AI algorithms reinforcing existing inequalities

## 6- Overdependence on technology;

- a- black box decisions

## 7. E-waste and environmental cause;

- a. High energy consumption of AI data centers contributes to carbon emissions.
- b. A large hyperscale data center consumes 550,000 gallons of water per day, equivalent to 4,200 people.

## 8. Misinterpretation of religion

- 9. Technology = A double-edged sword

## D. Way Forward

### 1. The need for ethical regulation

- a. AI ethics laws to prevent misuse in governance, security and academia.

### B. Balancing AI's benefits

~~How~~ ~~and risks;~~

- a. Maximize human welfare while minimizing harm.

## E. Conclusion