

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

Give very authentic and evidence based argument.

Make a parity in both pros and cons

As far as recommendations. Give pertinent suggestion atleast three

A. Introduction

1. The relationship between human and technology is not about superiority,

its about collaboration (origin by Dan Brown)

2. 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

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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.

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;

Choose words very carefully

a- Accelerates innovation in science, healthcare, 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} ~~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- Biasness 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. Average 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 and risks;

a. Maximize human welfare while minimizing harm.

E. Conclusion