

Date: _____

Outline: Can Science save us?

Introduction:

- 1 Role of science in history.
- 2 Introduce; can science save us?
- 3 Dual Perspective.
- 4 While science holds immense potential to address global challenges, its success in "saving us" depends on ethical applications, societal acceptance and harmony with humanistic values.

Body Paragraphs:

Part I: Science can save us.

- ① Scientific advancement and human progress
case in point: Industrial revolution
- ② Science and Combating diseases.
case in point: Eradication of small pox,
COVID 19
- ③ Technological innovations and Quality of Life.
etc electricity, communication, AI etc.
- ④ Climate Change mitigation
Renewable energy i - carbon capture technologies
- ⑤ Space exploration

potential of colonizing other planets.
Galileo's telescope.

Part II Challenges and ethical Questions.

Case study : Global Vaccine inequality

Literary reference : Mary Shelley's
"Frankenstein" - the unintended consequences
of scientific ambition.

⑦ Environmental degradation

Industrial pollution.

⑧ weapons of mass destruction

Case in point : Cold War, Nagasaki, Hiroshima.

Robert Oppenheimer's Quote.

⑨ AI and ethical Dilemmas

Potential risks : job displacement, loss of
Privacy

⑩ Overreliance on science.

Part III Bridging the gap between science and
Society

Historical Reference : Renaissance - blending
of art and science.

⑫ Public awareness and education

⑬ Global Collaboration.

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Success stories : International space station.
Global efforts in pandemic control.

⑭ Ethical foundations

⑮ Resilience and Adaptability

Conclusion:

- 1 Reiterate the central question : can science save us?
- 2 Science as a tool of salvation as well as a challenge.
- 3 Conclude.