

TEST CODE 8 1 0 1 0 3

MGP 2025

Time Allowed : 1.5 Hours

समय : 1.5 घंटे

Forum IAS

Maximum Marks : 125

अधिकतम अंक : 125

ESSAY / निबंध

Name Of Candidate
परीक्षार्थी का नाम

Ishita Sharma

Roll No./अनुक्रमांक

191039397

Medium/माध्यम

English हिंदी

Center Code/परीक्षा केंद्र

Online

Date/दिनांक

30-07-2025

*Center Code : For Online - 1900 / Delhi : Karol bagh - 1901, ORN - 1902, Mukharji Nagar - 1903 / Patna : Boring Rd. - 2001 / Hyderabad : Jawahar Nagar - 2101

INDEX TABLE / अनुक्रमणिका

INSTRUCTION / अनुदेश

Q. No.
प्र.सं.Max. Marks
अधिकतम अंकMarks Obtained
प्राप्तांक1. Please do furnish Name, Email, Roll No and Mobile in the answer sheet.
कृपया उत्तर-पुस्तिका में नाम, ईमेल, रोल नंबर और मोबाइल नंबर भरें।

Q.1

2. Write **one** essay choosing from given below topics in about 1000-1200 words.नीचे दिए गए विषयों में से लगभग 1000-1200 शब्दों में **एक** निबंध लिखिए।

Total Marks/कुल अंक

3. The number of marks carried by a question/part is indicated against it.
एक प्रश्न/भाग द्वारा किए गए अंकों की संख्या इसके सामने इंगित की गई है।

4. Answers must be written in the medium authorized in the admission Certificate, which must be stated clearly on the cover of this Question-Cum-Answer (QCA) Booklet in the space provided.

उत्तर प्रवेश पत्र में अधिकृत माध्यम में लिखे जाने चाहिए, जो कि दिए गए स्थान में इस प्रश्न-सह-उत्तर (क्यूसीए) पुस्तिका के कवर पर स्पष्ट रूप से लिखा जाना चाहिए।

Remarks/टिप्पणी :

5. Word limit in questions, if specified, should be adhered to.
प्रश्नों में शब्द सीमा, यदि निर्दिष्ट हो, का पालन किया जाना चाहिए।

6. Any page or portion of the page left blank in the Question-Cum Answer Booklet must be clearly Struck off.

प्रश्न-सह-उत्तर पुस्तिका में खाली छोड़ा गया कोई भी पृष्ठ या पृष्ठ का भाग स्पष्ट रूप से काट दिया जाना चाहिए।

For Student Only / केवल परीक्षार्थी प्रयोग हेतु

Start Time/प्रारंभ करने का समय :

10 PM

End Time/समाप्त करने का समय :

11:30 PM

Mode Of Examination/
परीक्षा की विधि :Online/ऑनलाइन Offline/ऑफलाइन

For Office Use Only / केवल कार्यालय प्रयोग हेतु

ECN CODE/
ईसीएन कोड :

EG/ईजी :

① ② ③ ④ ⑤

Evaluation Date/
मूल्यांकन तिथि :

MARKING SCHEME

Parameter/ criteria	Aspects Considered	Marks Allotted	Essay 1	Essay 2
Basic Format	Introduction	10		
	Body	15		
	Conclusion	10		
Content	Topic interpretation	10		
	Quotations and ideas	10		
	Analytical skills	10		
Organization	Flow of ideas	10		
	Absence of deviation	10		
	Ease of reading	10		
Language skills	Language and sentence construction	10		
	Grammar and spelling	10		
Examiner's discretion	perception/ innovation/ engaging	10		

Parameters	Very Good	Good	Average	Poor
Coherence				
Language				
Handwriting				
Pre-writing				



1. Men are taught to apologize for their weaknesses, women for their strengths.

पुरुषों को अपनी कमजोरियों के लिए माफ़ी मांगना सिखाया जाता है, महिलाओं को अपने सामर्थ्य के लिए।

2. Power is not about dominating others; it's about empowering others.

शक्ति का मतलब दूसरों पर हावी होना नहीं है; इसका मतलब दूसरों को सशक्त बनाना है।

3. Dissent is the foundation of democracy.

असहमति लोकतंत्र की नींव है।

4. AI is the new electricity.

AI नयी विद्युत है।

AI is the new electricity

It is 6:30 AM in Seattle, USA. Jaya

- a software engineer working there wakes up by the voice of Jarvis - her home assistant AI. It starts giving her updates on the weather & asks what she'd like to have in breakfast. Toaster connected via IoT serves fresh toast on her (Jarvis) command.

She takes an Uber to office & at the end of trip payment is completed automatically. Her work at an MNC requires her to coordinate with copilot (Github's AI). For a last minute meeting before she wraps up, she quickly uses ChatGPT for effective summary & presentation generation.

Now heading back home, scrolling Instagram she stumbles on reel - an influencer asking viewers to comment what life without an AI would look like. This pushes her to ponder on how quickly & closely AI has become integrated in our lives today.

Jaya is not alone in this

thought. From Jarvis to IoT controlled home devices to Uber, ChatGPT, Copilot, Instagram — all have one thing in common — AI.

Artificial Intelligence (AI) is powering the latest technology & ultimately lives today. It has become synonymous with electricity.

Going forward, we shall explore in depth — what is AI, how it has become electricity, how it is not without its pitfalls & finally how can its potential be harnessed in best manner.

What is AI : Basics & the Buzz

Artificial Intelligence (AI) is the cultivation of human like intelligence in machines [computers].

It involves algorithms like machine learning, natural language processing, expert systems, robotics etc.

What differentiates a normal program from AI is the latter's ability to perform / take decisions autonomously, without being trained for it particularly.

For instance, for every query to ChatGPT, it is able to form a "su-
-genesis" response - specifically for the user.

This is made possible by the hum-
ourous data that AI programs are
trained on. For example : Grok : Twitter's
AI was fed on all the user content

MID - ESSAY REVIEW

generated on Twitter. Such training takes huge amount of resources - capital, time, processors, data etc.

What this in turn has made possible is - AI's ability of being an assistant, a catalyzer & an artificial brain for humans.

Let's now see how this displays in the world today.

AI as the new electricity

Electricity powers every gadget in modern world. Its all pervasive-ness has created a dependency upon it. From phones to factories, homes to electric cars, TVs to data centers & internet : it is the fuel necessary to run these systems.

Similarly AI is slowly

creeping into all aspects of human lives, powering the minute to largest things. It has become the full of today's knowledge economy. Let us now delve into AI's power manifestation in various sectors.

In the sphere of science, AI has revolutionized research. Be it the first ever imaging of M87: Blackhole, the prediction of structure of protein (that received Nobel in 2024), processing massive data for ITER: nuclear fusion reactor in Europe - AI is playing a crucial role in advancing human understanding & reach.

Further, modern economy is witnessing Industrial Revolution 4.0 powered by AI. It has become the

backbone of gig economy, creative industry, advanced automation etc. All the top 5 companies today - google, Meta, Nvidia owe their dominance to their AI research & tools.

In addition, social sector are also not left untouched by AI. It has transformed preventive, curative as well as promotive healthcare. For example - cancer detection, discovery of new drugs, personalized therapy etc. Education also has been witnessing AI age. Use of Robo AI in Kerala school, facial attendance system for teachers, personalized courses in MOOCs are some of AI's applications.

Moreover, AI is powering politics & governance also - for the betterment. Political parties employed AI generated content, AI analytics in

voter outreach etc. Administrators are employing AI in better service delivery such as - DigiYatra (facial recognition), AB-JAY (fraud detection to minimize leakage) etc. Police is experimenting with AI based surveillance & criminal tracking for modernizing law & order.

Not just this, leisure life today has also AI in the backend. AI recommendation systems generate our social media feeds, Netflix recommendations & the responses of Siri, Alexa etc. Internet is also part of this AI cobweb today.

Finally, AI has been integrated in utmost sense in modern warfare. The military strategization, autonomous weapons & drone systems

and cyberwarfare have emerged as new fronts of war - all powered by AI.

Therefore, AI, just like electri-
-city has become indispensible today.

But this human-made tech is not with-
out its fair share of pitfalls. Let's discuss
them next.

AI : All not so well

AI though being integrated into
lives rapidly, is still in nascent phase
- both in development & regulation.
This leads to many-a-problems with
AI.

Firstly, the data & algorithms
it is being trained on may lead to
biases. For example - people of color
being more often classified in potential
criminal category by facial recognition.

Earlier a simple ChatGPT search for
photos of successful CEO would show just

White men.

Secondly, the integration of AI comes with privacy issues for the users. Further a lot of data that it is trained on can be copyrighted material, leading to violation of laws & claims. Such lawsuits against Meta & ChatGPT by news companies are going on in US.

Thirdly, without proper regulation today, misuse of AI remains a threat. Deepfake circulation, Revenge porn, cybercrimes etc. are such examples that can play with lives.

Equally, just like majority of electricity, AI is also powered by fossil fuel energy & that too in massive amounts. This may derail the action plan for tackling climate change - Paris Agreement, contributing to further pollution & GHG emissions.

Lastly, threat of Artificial General Intelligence is looming around, with recent announcement of Project Strawberry by OpenAI. It can threaten human abilities & can cause further automation led ^{mass-} unemployment.

Thus, above challenges require us to work towards better regulation & use of this technology.

Harnessing the best out of AI

Several initiatives for ensuring safe, ethical & humane AI have been going around such as - GPAI, AI summit in Paris (2024), Hiroshima AI process by G7 etc.

Companies like Google have announced tie up with nuclear companies for ensuring "cleaner AI".

Further push is required to ensure AI is beneficial for humanity. Skilling & upskilling initiatives can ensure minimisation of job market disruptions by AI. Light touch regulation can help in effective use of AI by industry.

Further, steps should be taken to develop "regional AI systems" - tailored to local needs (for example - BHASINI AI of 22 scheduled languages of India).

Ensuring that AI systems comply to humanity - sensitiveness, empathy, human rights & universal access, can turn AI into force for good.

Ultimately it can ensure AI leads to AI : Advanced India (The Viksit Bharat in 2047).

— † —

FEEDBACK

SPACE FOR ROUGH WORK

PLAN

AI is the new electricity

Intro Jarvis : just as elect power enlighten → AI wake up to bed
Jaya → s/w engineer

What is AI

0.7% IR4.0
Eco High Stoday
AI, Tech
Midea

gig eco
creative economy

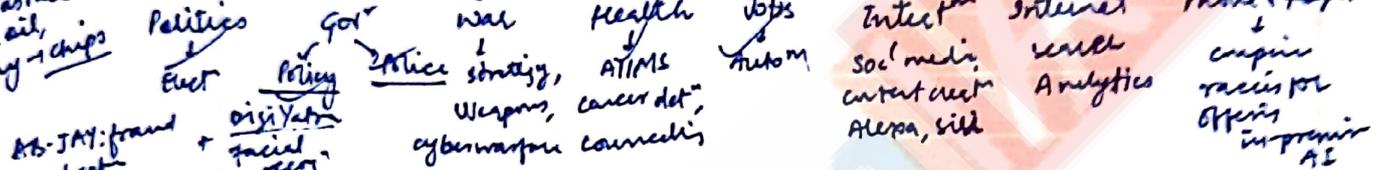
space
SRT: All India
Edu → eg Unnayan Bank, Kerala → PDS AI

Marine data connecting
AI: Application in advanced
research
BRIKSHINI

IR

just as rice
for oil,
today → chips

How it is new electricity POWERING



Potential harms: "Electrocution" (+) just like current elect it is powered by fossil fuels

1.5 Privacy, copyrights, Bias

Impact of "A General Intellig"

1 Way for harnessing the best out of AI
Ethical AI, GAI, AI summit in Paris, Skillies
Google → SMR ✓, Need localized AI → tailored to regional needs
China's Deepseek

Jaya

AI helps in making Advanced IN (Viksit Bharat)

SMART
sensitive