| Time Allowed : 3 Hours | **ForumIAS** | Maximum Marks : 250 |
| समय : 3 घंटे | | अधिकतम अंक : 250 |

ESSAY / निबंध

Name Of Candidate परीक्षार्थी का नाम	Krupa Jain		
Roll No./अनुक्रमांक		Medium/माध्यम	English ☑ हिंदी ☐
Center Code/परीक्षा केंद्र	Online	Date/दिनांक	19th July 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 अंक	Marks Obtained प्राप्तांक	

INDEX TABLE / अनुक्रमणिका

Q. No. प्र.सं.	Max. Marks अधिकतम अंक	Marks Obtained प्राप्तांक
Q.1		
Q.2		
Total Marks/कुल अंक		
Remarks/टिप्पणी :		

INSTRUCTION / अनुदेश

1. 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।

2. Write **two** essays, choosing **one** topic from each of the following Section A and B in about 1000 - 1200 words each.
खण्ड A व B प्रत्येक में से **एक** विषय चुनकर **दो** निबंध लिखिए, जो प्रत्येक लगभग 1000 — 1200 शब्दों का हो।

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।

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 : 9:00	End Time/समाप्त करने का समय : 12:00
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 :

ForumIAS

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				

SECTION – A

1. We cannot solve our problems with the same thinking we used when we created them.

   हम अपनी समस्याओं का समाधान उस चिंतन प्रक्रिया से नहीं कर सकते जिसका प्रयोग हमने उन्हें उत्पन्न करते समय किया था।

2. The civilisation that doesn't adopt modern technologies becomes extinct.

   जो सभ्यता आधुनिक तकनीक को नहीं अपनाती वह विलुप्त हो जाती है।

3. Data without wisdom and innovation without ethics are dangerous tools.

   बिना बुद्धिमता के डेटा और बिना नैतिकता के नवाचार खतरनाक साधन हैं।

4. The doubter is a true man of science.

   संदेह करने वाला ही सच्चा विज्ञानवादी है।

Data without wisdom and innovation without ethics are dangerous tools

Two different headlines of the newspaper as read are :

Headline 1 :
"CAMRIDGE ANALYTICA SCAM : User data tracked and used to manipulate them"

Headline 2 :

"Horrors in civilisation of Japan after Hiroshima, Nagaski bombing continues even today"

The above two headings clearly state the relevance of the topic where the first headline talks about how irresponsible consumption of data on social media led to <u>echo chamber</u> formation and easy manipulate during US elections for party propoganda. This affected decissions of voting and effectivenes of US <u>democracy</u> negatively. Thus data consumption without <u>mindfulness & wisdom</u> is dangerous.

Similarly second headline depicts how innovation of <u>nuclear bombs</u> by openheimer and usage of it in World war II has left a <u>lasting disastrous impact</u> in Japan. Children still born with genetic diseases & issues due to nuclear impact. Thus innovations without ethical considerations have left huge danger for humanity!

The human society has evolved from agricultural society to a current modern

Industry 4.0 based society. Tools of progress today are measured in terms of innovation, cognitive capabilities, data access & processibility, technological advancement etc. These tools are used for global superiority, delivery of public services efficiency or boost to economic growth. For instance, data on space and innovations for human spaceflight program both helps a het leap in mankind's progress.

But "Nothing vast comes into this world without a curse", as remarked by Sophocles. It is how we handle the curse that decides the destiny of a new advancement or tool. So data and innovation's effectiveness depends on how they are used and what fuels them.

Data without wisdom turns to be curse which is unhandled and same is case with innovation without ethics. How they dangerous tools ? Let's understand.

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Data is the new oil and religion. But what makes it worth or adds value is wisdom to process the data for bringing data driven policy decisions. But lack of wisdom, makes data just like as rock which is simply kept as showpiece rather than using it to build something. For instance, data of weather patterns, climate is available but lack of applying this to implement climate based cropping system leads to agricultural failure.

Similarly, biased knowledge and opinionated approach leads to subjective understanding of data which is dangerous. For instance AI models having biased data against blacks, low caste as seen in recent case

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of Gemini AI where black leaders like Desmond Tutu also brightened skin colour depiction. This strengthens discrimination and structural hierarchy in society, which is dangerous for humanity.

Moreover, lack of righteous wisdom and approach to tackle data, threatens privacy of humans. For example, in usage of social media, internet for free, it is the large MNCs who are at advantage and using your data for capitalists needs. So rightly said "If you are not paying for the product, you are the product". So such private data tracking and selling by large companies leads to cyber security dangers and identity thefts.

Lack of wisdom in data collection is an added danger. Lack of training of enumerators limits effectiveness of data and leads to faulty policies. Like in case of caste census, lack due to multiplicity of castes and lack of knowledge of data enumerators of all, the data might not be completely

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objective and whole

Wisdom also involves power to take step and act rightly based on data analysis. But lack of such powers to enforce the right also makes the data dangerous. For instance, use of money & muscle power in vote and election systems is known by data but lack of powers to election commission makes it dangerous to protect democracy.

People lack wisdom these days due to rote learning basis of educational curriculum, lack of practicality to apply data and extract information out of it. low skills of people for data analysis. Only 5% of people in demographic dividend are formally skilled in India as per India skills report.

So, once these bottlenecks are addressed and wisdom is developed, it leads to innovation by using scientific research over data.

However, this innovation's implications depends on the intent and ethics behind it. If there is no ~~innovation~~ ethical values framework behind innovative steps it leads to <u>do more harm than good</u>. For instance genetic engineering to change genes of babies to produce beautiful, flawless - designer babies harms the natural human reproductive process and goes against nature.

If innovation is to mark a status and show one's prowess, or to threaten other's position, it only <u>leads to animosity</u> and <u>unethical competition</u>. For instance, nuclear enrichment and proliferation race worldwide to maintain nuclear power.

As Gandhiji adds 'Science without humanity' as a sin. It clearly depicts how innovations purely for economic growth by man without responsibility threatens the position of man itself. M. Shelly in her <u>Frankenstein</u> clearly explained how

AI, robotics would take over man, displace them, control them, alienate them and dehumanise the society. Thus innovation without ethics can threaten humans itself. This has been depicted in Robot movie of Rajnikant

Innovation without compassion for humans, empathy can turn materialistic and end lives. For instance, Ranbaxy drug with not successful clinical trials was still introduced, threatening lives of people.

Innovations through industrialisation, setting up manufacturing units, leads to displacement of tribes, vulnerables without adequate rehabilitation and compensation. This further marginalises them and is dangerous for their livelihood

Moreover, introduction of GM crops, GM trees etc without checking long term impact on humans and environment

and only focus on increasing crop yields also leads to deteriorating environment sustainability.

Such innovations of today lacks ethics due to fickle mindedness and moral vacuum of people whose target is only to <u>earn</u>, who lacks to see have <u>far-sightedness</u>. Innovations also lacks ethics as people who innovate wants to <u>showoff</u> what great minds they are and what they could create. For example use of Deep Fakes for cyber frauds.

However, at this despite right ethical innovation brought, it is the way the <u>innovation used which makes it dangerous</u>. So the intent of usage of <u>innovation</u> equally important and not only while making the innovation. <u>For instance</u>, Deep and dark web ~~usage~~ intent for making was for private security intelligence sharing but its usage by terrorist organisation for organised crimes has reduced it to dangerous one!

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Similarly, at times serendipity helps in data encounters and analysis. And this along with wisdom can help being and do great wonders in society. This extends from - ISRO's data on other countries Lunar mission and using it by further adding cost-efficient wisdom to achieve success; to making data denieu policies like DBT, PDS etc. to uplift poor and backward.

On the other hand innovation with ethics also ensures 'Ubuntu' - welfare of all Humanity. This can be depicted in case of Ethical Hacking, innovating green technologies for sustainability, to being social justice. Ethics are basic needs for innovation to actual make & being positive change in society.

So to see the light and move beyond the dangers, inculcation of wisdom and someethics is needed. As data and innovation steps are being taken by all

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nations in they race. What will standout is those who imbibe wisdom and ethics in this process.

Wisdom is polished as it continously evolves with times. This can be done by participating in argumentative dialogues through samajik Chetna kendras, by learning from experiences, reading biographies of leaders and their life. This brings <u>rationality</u> and better knowledgability to <u>comprehend data</u> better.

This wisdom will also build ethics, to take responsibility of every innovation. Ethics will ensure to lighten and progress the darkness of society by right innovations and remove or discard any unethical thought for of innovation for ulterior purpose.

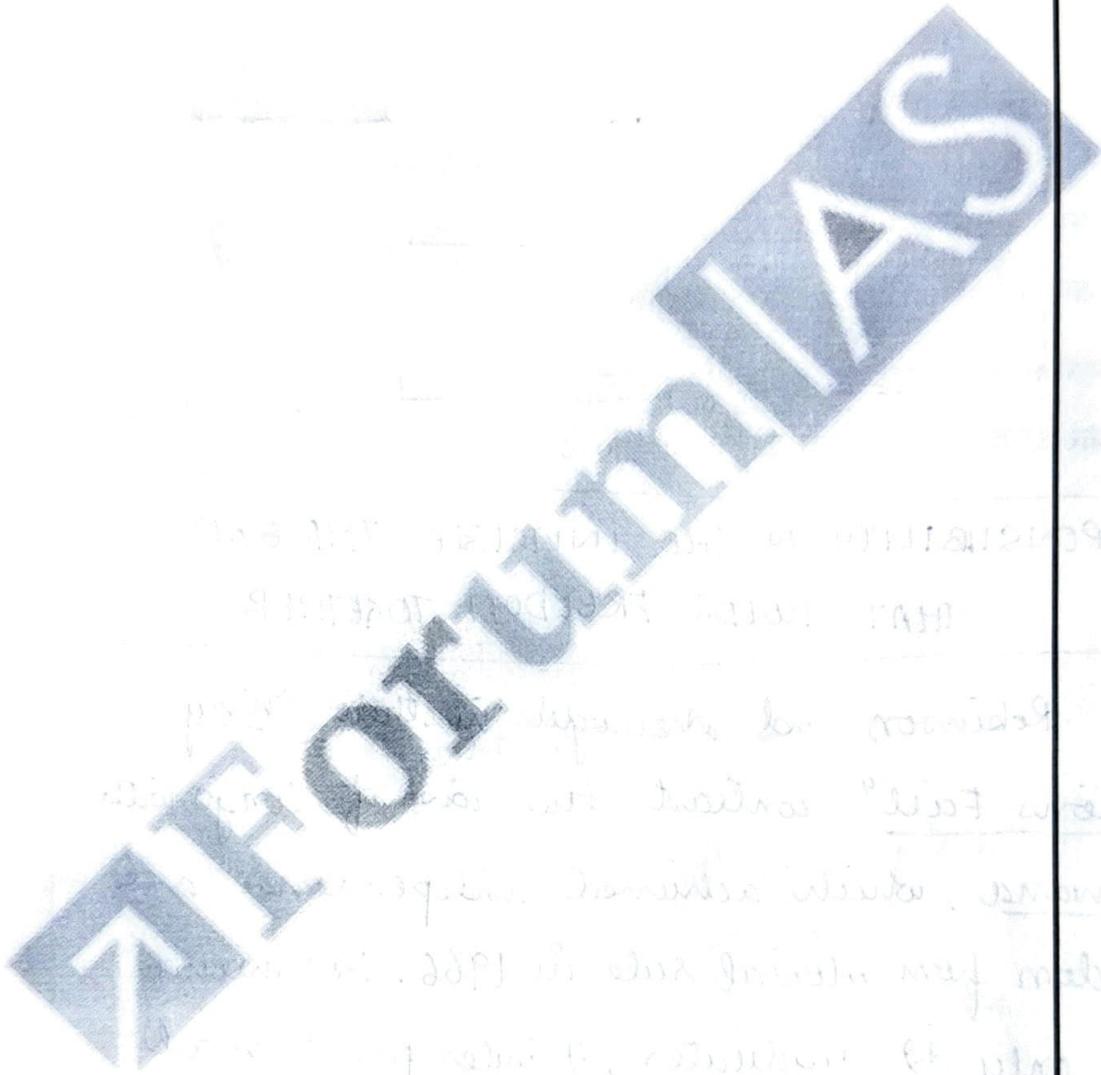Just like camphor spreads its fragrance even when being burnt, ethics

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and wisdom, should remain as basic foundations despite any modernisation or progress. So despite data and innovation being the focus today, this techade would of be of no value if it is not 'Value-aided' with ethics & wisdom!

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SECTION - B

1. The empires of the future will be the empires of the mind.

   भविष्य के साम्राज्य मस्तिष्क के साम्राज्य होंगे।

2. Responsibility is the invisible thread that holds freedom together.

   उत्तरदायित्व वह अदृश्य धागा है जो स्वतंत्रता को आबद्ध रखता है।

3. You may not be able to do everything, but do something.

   आप सब कुछ तो नहीं कर सकते, लेकिन कुछ तो करना चाहिए।

4. Behavior is the mirror in which everyone shows their image.

   व्यवहार वह दर्पण है जिसमें हर कोई अपनी छवि दिखाता है।

RESPONSIBILITY IS THE INVISIBLE THREAD THAT HOLDS FREEDOM TOGETHER

Robinson and Acemoglu in their "Why Nations Fail", contrast the case of Congo with Botswana, which achieved independence and freedom from colonial rule in 1966. Botswana had only 22 graduates, 7 miles paved road and white supremist rule all along its neighbours.

Botswana adopted a rule which conducted regular elections, gave enhanced property rights to people and freedom to speech, expression and didnot have any civil war ever. When diamonds were

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discovered, the far sighted law used them for national good rather than elite gain. It chose democracy over dictatorship and public interest and people centric responsibility rather than private elite gain. A

All this led Botswana to be highest per capita income based country in Saharan region, where state's responsibility towards freedom of people, to provide them rights, to give conducive environment for growth led to cherishing the independence that it gained! This clearly depicts how responsibility acts as threads to hold freedom together.

Humans have evolved from primitive stages where he/she was free to do whatever one liked, but the responsibility for Man- Animal balance and Nature kept their freedom in check and held all humans to respect nature. They maintained their responsibility which infact enhanced

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their freedom to move and enjoy benefits of forests – fruits, fodder, shade etc.

With the progress of mankind, man has been vieing for freedom to take own decisions, of speech, expression, of living in their own way, of movement etc. This liberty or freedom according to one's own will can cause <u>digression, chaos, conflicts</u> or can be to exercise rights. So what keeps <u>freedom intact</u> for a larger purpose is the '<u>thread of Responsibility</u>'

So in case of Gandhiji's withdrawal of Non-Cooperation movement, it was because of Gandhiji's <u>responsibility to protect</u> all people and conduct peaceful protests which was violated due to <u>Chauri-Chaura</u> incident. By taking up responsibility, freedom of people was maintained.

So, why and how does this thread of responsibility hold freedom together?

It is said that "Duty and Freedom are two sides of the same coin". So responsibility is embedded along with Freedom. Ashoka, realised this and propogate 'Dharma', as a responsibility of each individual to follow it. As Dharma boundeness → could only lead to freedom and salvation of individuals in actual sense.

Responsibility is that thread that stitches and binds all humanity into one. It leads to solidarity based on Sarvodaya principle and values of empathy and compassion. In times of COVID-19 where world was moving towards Vaccine Nationalism, India's Vaccine Maitri initiative for global citizens, helped keep the freedom of people to live even today!

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Responsibility comes with accountability, answerability and transparency to people, so that the freedom they achieved is well maintained and valued even today. TN Seshan, an IAS officer, brought election reforms by introducing disclosures of criminal cases, incomes, qualifications of politicians to people before elections. This political responsibility enhances their freedom to choose right candidate

Not only this, the very constitutional morals of equality, non-discrimination, welfarism for poverty alleviation and social justice protects the freedom & liberty of all sections of society. Their responsibility of state and the citizens towards each other maintain liberty of all. to perform their tasks. schemes like Gareeb Kalyan Yojana, JAM trinity, Direct Benefit Transfer, subsidisation are responsibilities of nation to protect freedom of vulnerable section

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Responsibility makes sure that freedom is knit with right methods. It ensures equity and equal participation based on their impact and action. For instance, Common But Differentiated Responsibilities of nations towards climate finance & mitigation helps protect freedom of Small Island nations and developing nations

Additionaly it is said a Responsible leader is a leader who ensures free ideas, freedom of people to mobilise themselves. Leadership responsibly keeps all masses together making a single fabric from thread. to celebrate their freedom. Lal Bahadur Shastri's responsible step to take Green Revolution helped achieve freedom from foreign imports and dependency of agriculture and Indian farmers

This responsibility transgresses into various sectors where Corporate Social responsibility maintains ~~corp~~ freedom

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of people by socially motivated steps for upliftment of marginalised. Microsoft's activities for tribal education, skilling in Amazon forests to give them freedom from primitive-ness.

This responsibility is a touchstoneto __self__ as well as it makes us hold our freedom in way that is for __betterment__ __of others__ and not __harming other's rights__ to achieve our freedom. Responsible self makes sure to not __radicalise__ people or __not to__ involve in __criminal activities__ just because social media provides freedom/anonymity. It guides to protect freedom of all for progress through social media.

But some people today lack responsible values, donot focus on freedom of others. Why so? One of the reasons is that, their __thread of responsibility__ is weak and breaks in times of test. Moral corruption by

ideals of greed, capitalism, selfish interests for one's own gain reduces responsible attitude and usurps freedom of others. For instance, China's Debt Trap policy reduces nations to pawns in hands of China, restricting their freedom.

Freedom also takes a backseat, when responsibility is lost in <u>competition for power</u>. Love for power, has made humans just as means for the ends of powerfulness. In recent war scenario's, human right violations, internet ban has reduced freedom to mere waste, as no nation being a responsible one.

Not only this, loss of responsibilities was in bureaucracy through <u>corruption</u>, in corporates through <u>wokism</u>, in media through Fake News and Yellow journalism has only put freedom of people at risk. As people are now controlled by such, irresponsible leaders who only see their

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own needs. So all this definitely calls for responsibility to be soon, as seeds to gain thy and make thread of it. But responsibility also restricts freedom at times.

Too much responsibility restricts man to redundant tasks done daily in a routine. It reduces risk taking ability and reduces human to a "Marginal and Burdened person". For instance, Mother's responsibility towards child, household work, elders, reduces her freedom to participate in economic opportunities. Not only mother but youth due to increased responsibility to feed family and its needs, leads to their freedom restricted to due to societal pressures.

So all this makes one thing clear, It is not the man who is intelligent,

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not the man who is physically strong, but the man who is responsible who can exercise freedom in its true sense! It is necessary to inculcate responsible values to protect freedom of self and others and this can be done by imbibing Constitutional morals, by narrating the struggles of national leaders who fought for our freedom and to act responsibly to protect it.

So, responsibility as a thread is not an all encompassing thread made up of various yarns of social, political, economic, environmental responsibility to hold freedom of individual, society, nation and world altogether.

This thread of responsibility should be flexible and not tightly held so that it restricts freedom. It should be adapted and adjusted so that freedom in true

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sense is felt. Right pull of thread is needed in case freedom is taken away. For instance, social and responsible behaviour enforcement by SEBI through ESG norms on major companies to protect freedom of small & vulnerable sections:

Thus freedom and responsibilities are two ends connected by a thread and needs to be strengthened. It is usually said - "We cannot change India". But Gandhiji did it by taking responsibility. Similarly, we should stand and be responsible to take India out of poverty, inequality, casteism, gender divide and bring the new freedom!