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FIAS - MGP 2023 - Essay Test (FLT) #4

Time Allowed : Three Hours
समय : तीन घंटे

ForumIAS

Maximum Marks : 250
अधिकतम अंक : 250

ESSAY / निबंध

Name Of Candidate परीक्षार्थी का नाम	Tharun Teja		
Roll No./अनुक्रमांक	1920085099	Medium/माध्यम	English <input checked="" type="checkbox"/> हिंदी <input type="checkbox"/>
Center Code/परीक्षा केंद्र	2 10 1	Date/दिनांक	08/08/23

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INDEX TABLE / अनुक्रमणिका			INSTRUCTION / अनुदेश
Q. No. प्र.सं.	Max. Marks अधिकतम अंक	Marks Obtained प्राप्तांक	<p>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।</p> <p>2. There are TWO Sections. Each Section has MULTIPLE topics printed in English/Hindi. You have to write on 1 topic from Each part. प्रश्न पत्र में दो खंड हैं। प्रत्येक खंड में अंग्रेजी/हिंदी में बहु-विषय मुद्रित हैं। आपको प्रत्येक भाग में से किसी एक विषय का लेखन करना है।</p> <p>3. One question in each part is compulsory. प्रत्येक भाग में से एक प्रश्न करना अनिवार्य है।</p> <p>4. 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।</p> <p>5. 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।</p> <p>6. Word limit in questions, if specified, should be adhered to. प्रश्नों में शब्द सीमा, यदि निर्दिष्ट हो, का पालन किया जाना चाहिए।</p> <p>7. 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।</p>
Total Marks/कुल अंक			
Remarks/टिप्पणी :			
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Start Time/प्रारंभ करने का समय :		End Time/समाप्त करने का समय :	
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ECN CODE/ ईसीएन कोड :		EG/ईजी :	
		① ② ③ ④ ⑤	
		Evaluation Date/ मूल्यांकन तिथि :	

MARKING SCHEME

<i>Parameter/ criteria</i>	<i>Aspects Considered</i>	<i>Marks Allotted</i>	<i>Essay 1</i>	<i>Essay 2</i>
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		

<i>Parameters</i>	<i>Very Good</i>	<i>Good</i>	<i>Average</i>	<i>Poor</i>
Coherence				
Language				
Handwriting				
Pre-writing				

<i>Very Good</i>	<i>Good</i>	<i>Average</i>
120 and above	100-120	Below 100



SECTION - A

1. Before the borders are broken the minds are invaded.
सीमाओं को तोड़ने से पहले दिमाग/ सोच पर आक्रमण किया जाता है।
2. Talent and passion are only useful tools if one has the work ethic to back them up.
प्रतिभा और जुनून तभी उपयोगी उपकरण हैं यदि किसी के पास उन्हें सहारा देने के लिए कार्य नैतिकता है।
3. The opportunity of interfaith dialogue: modern solution for globalised world.
अंतरधार्मिक संवाद का अवसर : वैश्वीकृत दुनिया के लिए आधुनिक समाधान।
4. The only impossible journey is the one you never begin.
एकमात्र असंभव यात्रा वह है जिसे आप कभी शुरू नहीं करते हैं।

"Before the borders are broken, the minds are invaded"

In 1498, a portuguese traveller arrived for the first time on Indian soil at Calicut via Cape of Good Hope. His name was Vasco-Da-Gama and was considered harbringer of colonialism in India. A century and decade later, Britishers arrived in India (1611). Ironically, after a century in 1757, by Battle of Plassey, 1759 by Battle of Wandiwash.

and in 1764, Battle of Buxar, Britishers emerged as the colonialists of India. But the portuguese were established very early compared to Britishers, so what was the reason, one might ask. It was said to be Britishers ability to win over minds of the natives while Portuguese with their religious zeal were not able to do.

So, now, we are going to discuss the problems that arise due to invasion of minds for breaking borders.

~~Invasion of borders~~

Invasion of minds \Rightarrow Invasion of borders and Creation of borders

During Ibrahim Lodi's rule in end of 15th century, locals such as Daulat Khan Lodi assumed that Babur in west Asia would be a better ruler and asked him to invade.

Babur accepting this invitation invaded India by invading Lahore (Daulat Khan Lodi provin^{ce})
This example shows how a person's mindset led to invasion of his town.

Similarly, Regionalistic sentiments such as soil of soil syndrome were based on relative deprivation by subjective realisation of objective truth due to a third person's influence.

Moreover, Partition of India and Pakistan in 1947 was by communalist outlook spread by Britishers who were trying to establish their invasion in Indian borders.

Likewise, China spreading its propaganda of helpful country for developing nations, is using debt trap diplomacy and neocolonialism for control over countries. For example,

Capture of Hambantota port in Sri Lanka
and establishing military base in djibouti
were based on debts. String of pearls
and BRI are also estimated to work on
this method.

World Trade Organisation's globalisation
and free trade ideology (liberalism and
laissez faire) is considered encroachment
on economic sovereignty of country. Similarly,
IMF's 1992 structural reforms norms were
effort to shift focus to mindset of liberalism
More trade with developed countries has
reduced indigenous capability and establishment

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of foreign companies by FDI and FPI in the country.

Technological innovations like AI, IoT and blockchain in social media has helped anti-social elements such as terrorists to radicalise youth and cause invasion from inside. ^(Cyber crimes)
 (Attack on DRDO by hackers)
 (Borders formation in the country). They are also used as propaganda by other countries, for example, George Soros (Westernism)

Moreover, westernisation and colonialism of 200 years has invaded mindset of people creating preference for white skin, Use of english language, Inferiority complex leading to Brain drain to foreign countries. New values like live-in relationships and same sex marriage are considered products of westernisation.

Patriarchal mindset propagation in women by socialisation at early age leads to gender violence (crossing borders) such as domestic abuse, marital rape. Similarly, in vulnerable sections, caste morality was spread to normalise untouchability, begar and atrocities against them.

All these factors paint a gloomy picture, but is this all peril or is there a promise?

Invasion of minds for breaking borders :-

Raja Ram Mohan Roy's work for anti-sati regulation, 1829 of William Bentinck by persuading people and quoting religious literature was necessary for breaking border of insensitivity, superstition against widows.

Ishwar Chandra Vidyasagar was also in the similar path for integrating the society. Mahatma Gandhi worked towards abolishment of untouchability. Similarly, Savitribai Phule worked for female education and employment. All the great people mentioned above broke borders existing in society for a collective entity.

Modernisation by Globalisation, even though it has its issues, has a silver lining by promoting LGBTQIA+ issues and equal rights for transgenders (NAS foundation case). Globalisation is leading to a global village and towards universal humanism and cosmopolitanism.

Technological innovations brought families together by social media video calls and bridging rural-urban divide between families and communities

But, should minds be invaded first, before borders are broken?

Broken borders ⇒ Invasion of minds :-

Delhi Sultanate invasion by Muhammad Ghori was by brute force and post invasion, he was able to invade minds of public with new laws, regulation and morality

Nadir Shah and Ahmad Shah Abdali's invasion of minds was due to broken borders and this invasion of minds preferred

Britishers due to fear psychosis.

These phenomenon show that broken borders and invasion of minds are two sides of a same coin. So, what should be done to ^{promote} avoid invasion of minds and strong borders?

Avoiding invasion of minds and promoting strong borders :-

"It is easier to ^{create} strong men children than repair broken men"

Education curriculum improvement to have ethical component and vocational component (similar to Nai Talim of Mahatma Gandhi) is necessary.

Rational thinking and critical thinking promotion to fight problem of fake news, paid news, yellow journalism and religion's superstitions and cultural practices

Focus on indigenous growth like Atmanirbhar Bharat goal in economic sectors and also, in military to prevent China and Pakistan belligerence.

Cyberspace is considered the 5th warfare zone and therefore, regulation of digital sphere (Data Protection Bill) and new technologies (Cryptocurrency) is needed.

Inclusive development to reduce communalism, regionalism and also internal security threats like Naxalism. Social influence and persuasion of Naxals to be mainstreamed as done in Andhra Pradesh, can be practised to modify the minds of Naxalism.

Communication between minds (\Leftrightarrow) Unnecessity of Borders

"It was Buddha who conquered the world, not Alexander" - Tagore

Gandhiji always hoped for Gram Swaraj and minimum utilisation of army where there was no need for war (invasion) or invasion of minds (Ram Rajya throughout world)

Peaceful talks, soft power diplomacy, knowledge diplomacy to have holistic, harmonic discussion between minds instead of competition of ideas or ideologies is necessary.

Similarly, tolerance and intrinsic value of humans (as means not as ends) importance removes borders and at the same time, protects everyone from each other.

Recent communal clashes ^{in Nuh} have shown
that the borders and minds of public
are interlinked and requires holistic
action between them.

FEEDBACK



SECTION - B

1. Science applied is the engine of humanity.
व्यावहारिक विज्ञान मानवता का इंजन है।
2. Eyes cannot see what the mind does not know.
आंखें वह नहीं देख सकती जो मन नहीं जानता।
3. Doubt is the origin of wisdom.
संदेह ज्ञान का मूल है।
4. The relation between environment, resources and conflict is same as the connection between Democracy, human rights and peace.
पर्यावरण, संसाधन और संघर्ष के बीच का संबंध वैसा ही है जैसा लोकतंत्र, मानवाधिकार और शांति के बीच का है।

On a busy day in New York city in 1903,
New York Times published an article on
aeroplanes. In that, it had estimated that
the aeroplanes will be available for human
travel in 1 million to 100 million years.
Barely 10 days after that article, Wright
Brothers created the first aeroplane to
able to fly. Bernaulli's laws for flight
were able already in the domain of science.
But, application of Bernaulli's laws for

flying the flight was considered difficult.
This revolution in travel was able to connect
humanity globally and at the same time,
cause severe damages in subsequent wars (WWII)
This case study shows how science applied
has progressed humanity and also regressed humanity
Let's first see how science applied
is engine of humanity for benefits of all

Science applied is the engine for humanity :-

Kushans in north-west India in 6th century
B.C made gold coins in large number and
these coins were used as medium of exchange
of trade with Western and Eastern Asia
Easy movement of transportation by saddle,
stirrup by horses promoted easy communication.

Similarly, in 17th century in Europe,

industrial revolution gave impetus for increasing standard of living and prosperity to the industrialists.

Industrial Revolution 4.0 due to semiconductors utilisation by blockchain, Artificial Intelligence, Internet of Things, 5G and Cryptocurrency is expected to bring human growth to a higher level.

Similarly, Renewable energy (solar energy, tidal energy) and Ocean Thermal Energy, nuclear fusion helps promote sustainable energy and avoid anthropocene (6th mass extinction)

likewise, John Maynard Keynes theory of macro-economics to avoid systemic risks such as inflation, global crisis (1930

Great Depression) led to better economic policies like Monetary Policy Committee of India. 2021 Nobel prize of economics was awarded to proving that in-migration is beneficial to the country. This concept can be used for utilising demographic dividend of India.

Political scientists such as Montesquieu, Rousseau Mills and Weyber provided philosophy of ideal society. But, application of the philosophy in French revolution led to democratic ideals of equality, liberty and fraternity. French revolution led by American revolution has

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led to beginning of crumbling of colonialism and imperialism.

Application of science of social issues is used to fight menace of communism, regionalism and ethno-nationalism. Directive

Principles of state Policy (IV^{part}), Fundamental

duties (51-A) and Fundamental rights (II^{Part}) in Indian constitution are by application of such sciences promoted by Gandhi, Mills.

Traditional sciences such as AYUSH have recently been increasingly used for personal happiness (medical and spiritual)

post its application by Ministry of AYUSH in india.

Bio-technology utilisation in gene-editing and hybridisation of crops and animals

have provided climate resilient solutions such as DMH - Mustard and short varieties of Kalanamak rice. This promotes promotion of nutrients consumption and better protection of biodiversity. CART - cell therapy has provided solutions to cancer problem.

Now that we have seen science applied is an engine for humanity, we are going to understand if it is against humanity.

Science applied is the engine against humanity :-

In 1945, two cities Nagasaki and Hiroshima were bombed by two atomic bombs by USA. The creator of atomic bomb, Dr. Robert Oppenheimer was criticised by Albert Einstein

saying

"No mouse will build a mouse trap"

Machiavellian political science application has led to increase in corruption and inequalities in society. Understanding of communism and regionalism is being utilised as fuel to engine against humanity.

Heavy dependence on technology is leading to automation, leaving many people jobless.

"(Mahatma Gandhi said, it is a crime to automate industries when there is high labour available)"

Utilisation of IT technologies for vested elements interests such as corporates data mining for targeted advertisements. Radicalisation of youth by terrorists and extremists and funnelling of funds by

utilisation of cryptocurrency and darknet.
Sale of human beings (trafficking), child pornography via darknet goes against rights of UNDHR. Increase in cyber crimes is also due to these techs. (5th warfare)
 Utilisation of biotechnology for designer babies, colonialisation of ecosystems, genetic modified organisms trade (invasive species) has contravened Nagoya and Cartagena protocols. Biopiracy is also an effect of such practises.

Mining for nuclear materials (uranium) has led to groundwater pollution and air pollution. Minerals unsustainable utilisation to make plastic has led to global waste issue.

Science applied to be engine of humanity

Education to be focused on ethical
as well as scientific component since education
without values ~~leads~~ ~~to~~ ~~global~~ ~~misuse~~ ~~of~~ ~~sciences~~ leads
to global misuse of sciences (AQ Khan,
Bill Liden)

Rational thinking and critical thinking
among individuals to understand and
better utilise scientific resources

Sustainable development with focus on
SDGs and global commitments like Net
Zero by 2050 and 2070 helps science
get an ethical integration.

Promotion of Research and development in scientific sectors across developed and developing countries to reduce scientific hegemony. Global cooperation in scientific endeavours like Tokamak in France, ICET between India and US promotes equitable and inclusive growth.

Science applied is the engine of humanity

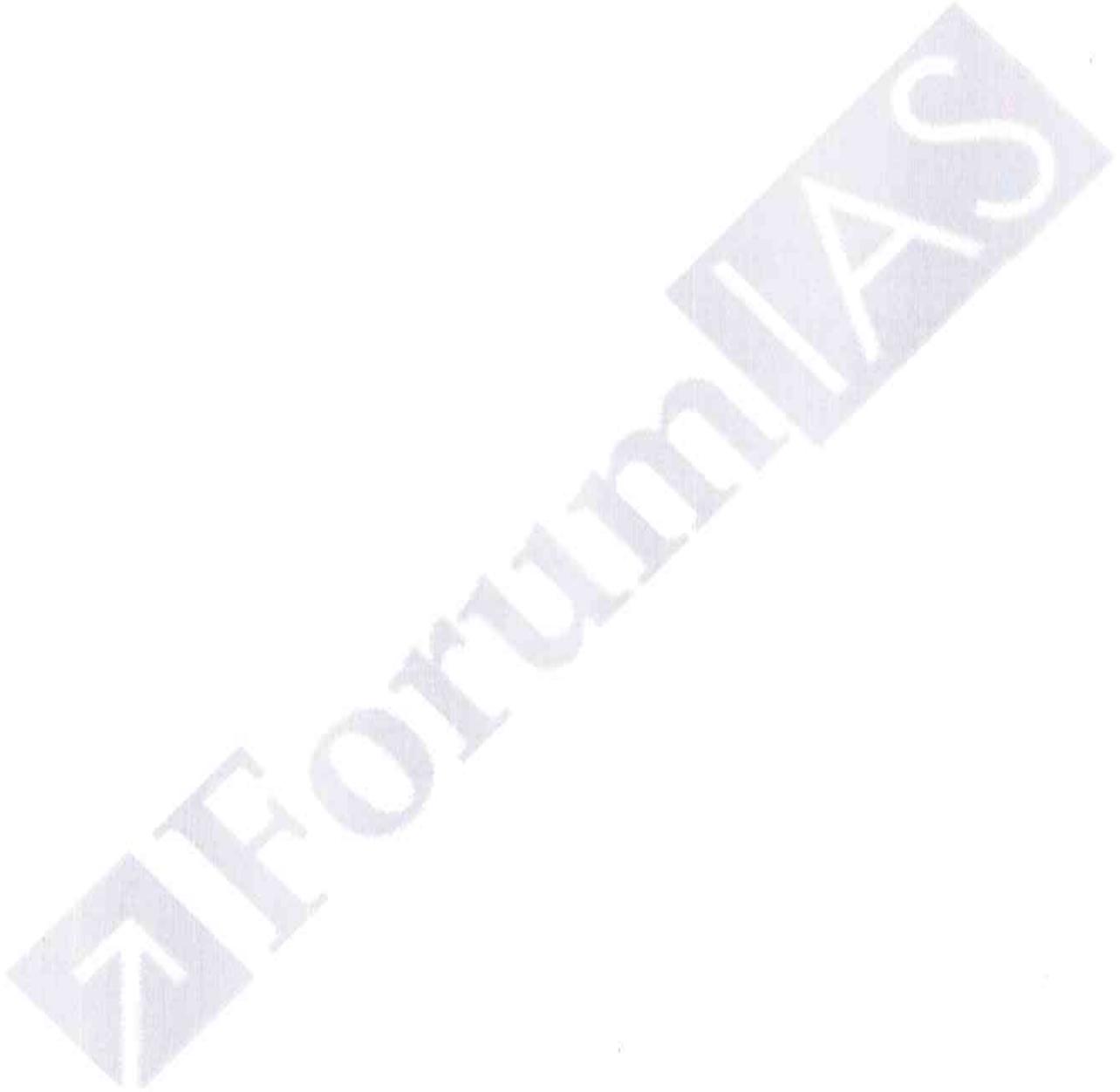
The current rational education system (NEP 2020) understands the necessity of science applications for humanity.

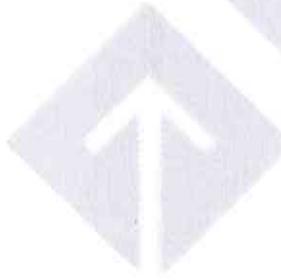
Gandhiji understood this importance pre-independence when, even though, he was against modernism (western), he was firm in learning of sciences

Along with sciences application, their understanding is crucial as is observed by Mission LiFE, Mission Innovation and Atal Innovation Mission of India. Sciences such as Quantum mechanics even though are not fully able to be applied, their understanding and research promotes possibility for future application (Cryptography)



FEEDBACK



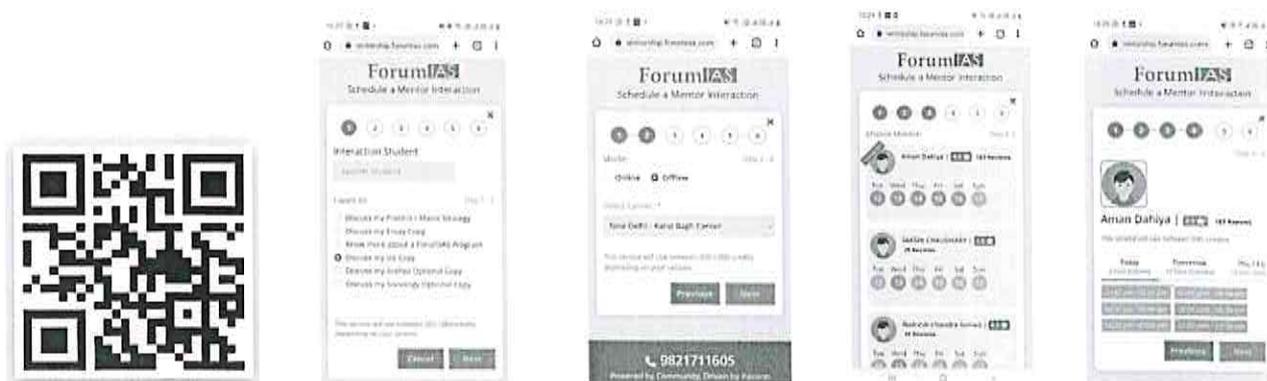
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