

TEST CODE : 4 2 0 6 4

FIAS – MGP 2021 – Essay Simulator Test #4

ForumIAS

GENERAL STUDIES

Name Of Candidate

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Date:

Dec 26, 2021

Time Allowed: Three Hours

Maximum Marks: 250

INDEX TABLE

Q. No.	Max. Marks	Marks Obtained
Q.1		
Q.2		
Total Marks:		

INSTRUCTION

1. Please do furnish Name, Email, Roll No and Mobile in the answer sheet.
2. There are TWO Sections. Each Section has MULTIPLE topics printed in English & Hindi. You have to write on 1 topic from Each part
3. One question in each part is compulsory.
4. The number of marks carried by a question/part is indicated against it.
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.
6. Word limit in questions, if specified, should be adhered to.
7. Any page or portion of the page left blank in the Question-Cum Answer Booklet must be clearly Struck off.

Any specific messages for ForumIAS Mentors/Evaluators with respect to your copy? Write it here.

For Student Only

Start Time | 10:30 a.m.

End Time | 01:30 p.m.

Mode Of Examination:

Online Offline

For Office Use Only

ECN CODE:

EG:

Evaluation Date:

MARKING SCHEME

<i>Parameter/Criteria</i>	<i>Aspects Considered</i>	<i>Total Marks</i>	<i>Essay 1</i>	<i>Essay 2</i>
<i>Basic Format</i>	Introduction + Conclusion	10		
	Body	15		
<i>Content</i>	Data/Facts/Interpretation/ Analysis	25		
<i>Organisation</i>	Flow of ideas/ Absence of Deviation from the topic	25		
<i>Language Skills</i>	Punctuation/Grammar/ Sentence Formation/Spellings	25		
<i>Examiner's Discretion</i>	Perception/ Innovation/ Engaging	25		

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

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

SECTION - A

1. Cryptocurrency - boon or bane? *

क्रिप्टोकॉरेंसी - वरदान या अभिशाप?

2. "Artificial Intelligence will be the best or worst thing ever for humanity"

"कृत्रिम बुद्धिमत्ता मानवता के लिए अब तक की सबसे अच्छी या सबसे खराब चीज होगी"

3. India at 75: soft state or strong state. *

75वें वर्ष में भारत : उदार राज्य या शक्तिशाली राज्य।

4. 30 years of Economic Reforms- reforms are only a necessary condition and not a sufficient condition.

30 साल के आर्थिक सुधार- सुधार केवल एक आवश्यक शर्त है न कि पर्याप्त शर्त।

Artificial intelligence will be the best or worst thing ever for humanity.

In the 2010 Tamil film [Enthiran] (Robot), the robot is a life savior in the beginning. It safely conducts delivery of a child on the verge of dying, fights goons and even cooks a feast single handedly. However, by the second half, the movie takes a plot twist and the same

life savour robot creates a muckus.
It kills hundreds, destroys property and
even attacks its own creator!

Such a plot and grim dooms day
situation can not be easily neglected
by casting it off as fiction. In 2016,
Microsoft launched an Artificial Intelligence
(AI) chatbot 'Tay'. Tay would learn
from the messages fed to it. Within
16 hours, Tay went from 'Humans
are super cool, I ^{love} ~~love~~ humans' to
'Hitler was right, I hate Jews'. Ultimately,
Microsoft had to remove Tay.

Enthiran's robot Chitti and Tay
are examples of Artificial Intelligence,
its benefits for humanity and how
it can go massively wrong if put in
wrong hands.

Artificial intelligence is the ability of a machine [An Artificial brain] to think intelligently like human brains.

From Siri to Alexa and to sensor based doors and machine learning platforms, we are surrounded by Artificial intelligence. It is bound to rise with Industrial revolution 4.0 and its subparts of Machine learning, big data and Internet of things (IOT).

Thus, it becomes important to analyze the impact of Artificial intelligence on common humanity.

Humanity is the sum total of all humans and their institutions. Artificial intelligence is and will interact with all of humanity and

its soo'o-politico-economic institutions.

Just like 'Chitti' and 'Tay', AI can

become the best thing or worst thing for humanity.

Best thing for humanity

Any intervention or change that takes humanity from a given level to a higher level is an improvement in humanity. Artificial intelligence is one such interference.

To begin with, AI can enhance human capabilities by successful interventions in health and education.

In Africa, AI and machine learning was used to track carriers of Zika virus. The AI programme found

human carriers with 80% accuracy.

This enhanced treatment speed and precision and ultimately saved lives and resources.

Similarly, AI can be used for precision/customized education. This is much useful for children with special needs. Children suffering from mental health conditions like Autism, ADHD or Dyslexia can not cope with speed and 'one size fits all' approach of regular classes. AI can unlock the potential of these kids for humanity's welfare.

AI can ^{also} enhance humanity's capacity to survive climate change and disaster. Precision agriculture

is one of the techniques of climate

smart agriculture that can ensure food security through climate change.

Similarly, rising disasters and cyclones can be fought using AI. The impact

of cyclone Fani was reduced by using GIS data and artificial intelligence. Such AI and data based interventions have brought down cyclone deaths from around 10K in early 1990s to less than 100s in 2020 even though the number of cyclones ~~have~~ has increased.

The impact of AI on better policy making is not limited to food security and disaster management.

In ~~a~~ a situation of scarce resources with government and endless needs for public welfare, AI can help to solve social-economic problems as well. For example, Odisha used GIS based data to allocate houses to its slum dwellers which reduced its slum population from more than 80% to around 30%.

Data analysis and AI is used not just by policy makers but also by private corporates. The successful market penetration of Big Techs like Apple, Google, Facebook is very rightly credited to their AI software. NITI

Aayog in its India@75 report suggests to leverage AI to create better products and marketing connectivity for [MMEs]. In this way, AI paves way for [wealth creation] and humanity's continuous continuous progress.

AI also has implications in providing [safe] and [stable] societies for humanity. Automated facial

Recognition systems to identify criminals and comprehensive Border management systems are examples of the unlimited

possibilities of AI, ^{in fields} where human capacities can falter.

Undoubtedly, AI is a pathbreaking creation and can be the best thing for humanity. However, we must not forget the 'intelligence' of Artificial intelligence. In Enthiran, towards the end, a school child sees the dismantled robot in a museum and asks to her teacher as to why was the robot dismantled. To this, Chitti replies, 'I started thinking'. Just like Chitti, these 'thinking' machines that surround us can become the worst thing for humanity.

The worst thing for humanity!

To begin with, AI can destroy the institutions that humanity has created over the years. This was observed

during Cambridge Analytica case. Data of millions of users was misused for political interference and manipulating democratic elections. In this way, AI

also opens new spheres of warfare (Cyber war) ~~space war~~ and destabilizes peace for humanity.

AI can also be misused for manipulating market opinion and interfering with cultural phenomena. Aggressive marketing by Big techs by using digital footprint of users interferes with consumption and spending habits. This can create generations of materialistic consumerist humans who treat materialism over everything else.

Through digital footprint, AI also infringes privacy which has been identified as a basic fundamental

might under Right to life - Article 21.
Such intrusion to privacy is further expanded by sensor based IOT products that also work on AI. It would be scary to know that your fan and light (Embedded with IOT's AI) can send your day schedule to an MNC headquartered in New York!

~~This~~ what is more scary is such lethal technology in hands of Non state actors and other humans misguided by unethical motives. What is now manifested as minor drone attacks in Pulwama can transcend into massive terrorist attacks killing millions. Not just that, ~~also~~ ^{such} in hands, of 'Development of complete AI can bring an end to human race' - Stephen Hawking's.

Does this grim picture mean that ~~the~~ humanity must not try to unlock the brilliant potential of AI? It would be a Luddite's argument to not 'progress' even when massive opportunities are afoot. Most of the problems with AI are due to misuse of AI by humanity itself. Humanity can also choose to use AI as the 'best thing' or the worst thing.

Choosing the Best

At the national level, regulations and capabilities need to be build. Personal Data protection bill can ensure

protection of data and privacy. Similarly, a new Cyber Security Policy would

stall the misuse of AI. Intelligence

capabilities also need to be developed with new age capabilities for personnel.

Op'ner that 'laws have national boundaries and misuse of AI is a global beast', international capabilities need to be developed. Conventions on the line of Budapest Convention should evolve to ensure equitable ~~use of~~ and safe use of AI across countries.

Above everything, we need to develop ethical human beings that take the best out of AI. Marvin Luther King Junior said 'We have guided missiles and misguided men'. A guided AI in the hands of misguided humans will only ~~wreak~~ wreck havoc for humanity. But in the hands of ethically guided humans, AI can surely be the best thing for humanity. The ball is in the court of humanity itself!

→ AI → Intro → Entiran ; TAI. **Cancelled**

- Define AI

Dem. of AI → surrounded - Analysis - needed.
 Defining humanity → sum total
 - **Best thing** for humanity

Anything that falls humanity & higher dev. Federal is best term.

① Humanity → Education → Development of capabilities
 humans → ~~Humanity~~ AI based test similar
 unknownized feed back with special
 for children with special needs
 Vector carrier - A.I.S

② Health → Africa → zika virus
 ML → 80% Accuracy

through edu & health → create
 production - capable humans → that lead to
 progress of humanity.

③ Survival of humanity in changing **climate** complex situation

④ **disaster** → Precision farming - CSA
 - AI to identify impact of cyclones
 → disaster. & impact of Farm was controlled
 using GIS & AI. Use of various data based planning
 near induced cyclone deaths from
 internal security - 10k is
 1990s & 2000s

⑤ **War** → **CIBMS** - **BOLD QIT** - **HFRS**
 - Train Personnel from
 - Maintain integrity

⑥ **AI based** Policy making → for Govt. → targeting
 Adisha used GIS based
 data for slum house allocation
 93% → 64%

→ **Market** for corporates → Better innovation
 Better products
 Better economic
 Dev. **NITI** → **MSME**
STMSD

① **Converge** → started products.
 - worst thing for humanity → **AI**
 hearing from human prejudices → Exaggeration
 rife with humanity **TCU**

② New **Frontier** of warfare → **CA** core
 → Political manipulation
 & bombing
 down **disrupt** (insti-
 tutions)
 created
 by humanity
 over the
 years

③ Manipulation of markets, culture → **Big tech** →

④ Hindering **Privacy** → **Ar. 21**

⑤ AI in hands of Non state
 Actors → Drone attacks - storage of data &
 processing has
 massive carbon
 foot print →

⑥ Also not good for Env. fight → **Counterattacks** humanity - **AI** will bring an end to human
 species → Stephen
 Dev. of complete



SECTION - B

1. The greatness of humanity is not in being human but in being humane.

मानवता की महानता मानव होने में नहीं बल्कि मानवीय होने में है।

2. Compassion and tolerance are not a sign of weakness but a sign of strength.

करुणा और सहनशीलता कमजोरी का नहीं शक्ति की निशानी है।

3. Human needs dictate individual behaviour. x

मानव की आवश्यकताएं व्यक्तिगत व्यवहार को निर्धारित करती हैं।

4. Success is not a public thing, it's a private thing. x

सफलता कोई सार्वजनिक चीज नहीं है, यह एक निजी चीज है।

Compassion and tolerance are not a sign of weakness but a sign of strength.

The protagonist of the movie 'The American President' says '... America isn't easy, it will test you at different levels. You want freedom of speech? Let us see your blood not boiling at the words of someone whose views are totally different from yours. Let's see your strength of tolerance'.

The need of strength for tolerance is beautifully portrayed by the Protagonist's monologue. Tolerance is the ability to entertain a view, thought, believe or opinion that is different from yours.

Very closely linked to tolerance is the concept of compassion. Compassion is the ability to understand the pain of others combined with a desire to help. Tolerance opens up our hearts to others so that we can feel compassionate towards them.

On the flip side, a compassionate heart that feels pains of others and understands them, is more tolerant towards other view points. For example Mother Teresa's compassionate heart made her

tolerant of people from a different country, culture and language.

Thus, tolerance and compassion are the two sides of the same coin. These one values imbibed in humans and ~~however~~; this opens up the debate on these two values being a 'virtue' - a sign of strength or a 'vice' - a sign of weakness.

A sign of weakness

'Human nature by definition is brute and selfish'. This was the idea developed by Philosophers like Hobbs. The image of a hunter human being protecting itself from wild animals and other extremes of nature left ~~leaved~~ no space for compassion and tolerance. Compassion for a lion would have killed the hunter. Only

the strong survived and thus compassion was weakness.

Even the civilized human societies evolved through brute force of wars and expansions. Expansion of kingdoms (in ancient period) and colonies (in recent times) needed brute force. It left no space for compassion and tolerance. Once again, for growth and survival, compassion and tolerance was a hindrance.

History is also rife with examples where compassion towards enemy may

come back to kill you. During the first Battle of Tarain, Prithviraj Chauhan showed compassion and released Ghori. Eventually, Ghori returned, killed Chauhan

and established his own empire. Such compassion may leave one weak or dead and was thus considered a sign of weakness.

Tolerance may even gobble up your own identity. This was observed during India's tolerance in allowing trading by East India Company. The trading company eventually became our colonial master and gobbled up India's growth and survival.

This idea of tolerance and compassion being a 'vice of weakness' which eventually leaves you weaker, has created far reaching impacts on the society of present world. Such lack of tolerance and compassion

is visible from attacks on Rohingyas to mob lynchings in India. From attacks on free speech to polarized social media debates on commercial advertisements.

The recent controversy on a Fab India advertisement and Tanishq advertisement shows that the fabricated idea of 'tolerance and compassion being sign of weakness' is manifested in socially divisive ways.

Such impacts create a debate and ~~but~~ what needs to be analyzed is the flip side of the question. Is it really so that all that tolerance and compassion have to offer is weakness of individuals and societies?

From Ashoka's dhamma and Compassion to India's vaccine maithi

During COVID times, India has manifested again and again that compassion and tolerance are virtues. Indian ethos prove that ~~virt~~ tolerance and compassion are signs of strength.

Signs of strength

To visualize tolerance and compassion as strength, we need to modify the idea of strength. Courage (strength) is not physical strength, it is an indomitable will, remarked Gandhi. If our idea of strength shifts from brute physical force, to indomitable will and courage of heart, tolerance and compassion become strengths to strive for.

Compassion and tolerance require indomitable strength to overcome selfishness of human nature. Had Gandhi

been a weak, ~~self~~ selfish person, he would have continued with his life of riches as a lawyer. His ~~own~~ extreme strength provided him compassion and tolerance to fight for the causes of needy.

Tolerance requires the strength to overcome the desire to show one's own superiority. It also requires courage and strength to listen to diverse viewpoints. For a courageous, strong person an advertisement showing a different ritual would be a proud moment. This is the strength of tolerance.

Tolerance and compassion are not just signs of strong individuals but of strong societies as well. A compassionate, tolerant society has more social capital. It can stand through

thicks and thins of time. During COVID-19, various religious institutions helped people across societies irrespective of their religion, caste, gender.

Tolerance and compassion are the key to dissect, debates and discussions. In this way, tolerance and compassion are signs of strong democracies. Withdrawal of farm bills shows the strength of a democratic politics to tolerate diverse opinions. It is also a symbol of compassion for the vulnerable and needy.

Amartya Sen remarked that 'Societies that are more tolerant are economically strong'. A tolerant and compassionate society will overlook

divisive forces. In such a society, people would be paid on ~~their~~ the basis of calibre and not polarised forces like caste. A compassionate society also works to reduce inequalities. In this way, tolerance and compassion become a sign of economic strength.

Compassion and tolerance also create goodwill at international levels.

India's compassionate help to small countries and tolerance towards divided ideologies [e.g. Israel-Palestine; Arab-Israel] has provided it immense soft power.

This compassion and tolerance have become a strength for India's unique voice in global discussions. Most countries want India to be on their good side.

Compassion and tolerance also need Strength to learn from the mistakes of history and to never repeat them. When Justin Trudeau (Canadian PM) recently apologized to descendants of victims of Komagata Maru incident, his apology was full of compassion and tolerance. In no way, was his action a symbol of weakness. It showed extreme strength to accept, learn and apologize.

Thus, viewing compassion and tolerance as signs of weakness is a myopic vision. Viewing them as strengths that towards which the entire humanity should strive for is the key to sustainable peace and development of humanity.

Education and moral values being taught in family and schools can be the building block for compassion and tolerance. Aristotle rightly remarked 'It is the mark of an educated mind to entertain a thought without accepting it.'

Learning about compassionate, tolerant personalities is another way. Their story of courage and vigour proves that strength of heart, body and mind comes through compassion and tolerance.

Above all, the mere survival of human heart and mind is rooted in compassion.

'Soil, if it cannot hold roots is useless. Human heart, if it does not have compassion for others is useless.'

- [Thirukural].

Thus, the ultimate mark of survival and strength are tolerance and compassion.

(A) Intro - American President →

the purpose is to spread the ideas of Strength & Tolerance

(B) Companion → Ability to understand the pain of others and willingness to help.

Tolerance → Ability to accept & entertain the view/ thoughts/ beliefs that are diff from you

Companion ~~leads to~~ leads to own tolerance

Tolerance leads to companion Thus, both are interlinked.

(C) Considered as sign of weakness

(1) Hobbs → Human nature → expansion of Kingdom, colonies - softness → weakness

(2) Compassion → to enemies → may kill you → Not just growth, need survival - kill you

(3) Tolerant may take over
Ex: Prithviraj Chauhan → Blo Teraun.

(4) Tolerance → may gobble you up -

Ex: India → EIC → Tolerance - human nature by def'n

Thus, to maintain To survive, there was no need of companion
At personal levels, selfishness

(5) Current times → Polarization, Mob lynching, Adversism, Protest on movies

India's it always go From these times of Ashoka to vacuum maintn, India has shown used the ethos of compassion & tolerance or has survived through it.

(1) - sign of weakness → strength → selfishness → selfish practice → selfishness
Gandhi → strength → selfish practice → selfishness

(2) compassionate → strength → selfishness → selfishness
Gandhi → strength → selfishness → selfishness

(3) Tolerance → strength to accept view different from yours.
(4) compassionate → strength → selfishness → selfishness
Tolerant societies → strength → selfishness → selfishness
Ex: India - Neighbour.

(5) Democracy → strength → selfishness → selfishness
Tolerance → strength → selfishness → selfishness
Ex: India - Neighbour.

① Tolerant society → economically strong -
 (Sen) -

② Companion's tolerance → (Gandhi) → India's
 soft power's unique voice
 in the world.

Strength to accept

the wrong of history's wrong

pledge to not repeat → Justice Indira

Moving towards tolerance's companion

① Education

① Moral values in school & family

Aristotle → 'Mark of an educated'

→ ② family ③ headman

'Soil' if it does not know to

~~show~~ strength of heart, body and mind comes
 through companion's tolerance.

Feedback

Feedback to be provided in terms of (1) Introduction (2) Sentence Constructions (3) Paragraph Formation (4) Legibility (5) Deviation from Topic (6) Coverage of dimensions (7) Simplicity / ease of reading