

TEST CODE 6 2 0 3 0 4

FIAS - MGP 2023 - (C-13 Alt) - Essay Test (FLT) #4

Time Allowed : 3 Hours
समय : 3 घंटे

Forum IAS

Maximum Marks : 250
अधिकतम अंक : 250

ESSAY / निबंध

Name Of Candidate परीक्षार्थी का नाम	RUHANI		
Roll No./अनुक्रमांक	1910059 018	Medium/माध्यम	English <input checked="" type="checkbox"/> हिंदी <input type="checkbox"/>
Center Code/परीक्षा केंद्र	1901	Date/दिनांक	6-08-2023

*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	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।	
Q.1			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।	
Q.2			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।	
Total Marks/कुल अंक			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।	
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9 : 00 PM		12:00 A.M.		
Mode Of Examination/ परीक्षा की विधि :		Online/ऑनलाइन <input checked="" type="checkbox"/> Offline/ऑफलाइन <input type="checkbox"/>		
For Office Use Only / केवल कार्यालय प्रयोग हेतु				
ECN CODE/ ईसीएन कोड :		EG/ईजी :		Evaluation Date/ मूल्यांकन तिथि :
		① ② ③ ④ ⑤		

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।

TALENT AND PASSION ARE ONLY USEFUL TOOLS IF ONE HAS THE WORK ETHIC TO BACK THEM UP

There used to be a time in the seventeenth century when Indian Calicoes i.e. cotton textiles used to clothe the world. These textiles on handloom were created by talented and passionate Indian weavers. European weavers were of no match to the talent exhibited by the Indian weavers.

However, Indians at that time, lacked in Protestant work ethics, which Europeans possessed in

abundance. Thus, Europeans were able to invent steam engine, powerloom, flying shuttle and spinning jenny, thanks to their work-ethics. On the other hand, Indians did not focus much on maintaining their work ethics. The guilds which used to check the quality of the handicrafts, began to decline after the end of the Mughal rule.

As a result, Indian weavers began to use adulterated material in their handicrafts and shoddy workmanship became the norm in the absence of guilds. Thus, due to the absence of work ethics, India lost the global market share in textiles to the European mills.

This story is a testament to the fact that talent and passion in itself are not sufficient and need to be backed up by work ethics. In this essay we shall discuss the importance of these values and also see what are the obstacles we face in cultivating them.

IMPORTANCE OF TALENT AND PASSION

Talent refers to the innate aptitude or the competence to perform a particular task. For instance, Sachin Tendulkar is a talented cricketer, Beethoven - a talented singer, Leonardo Da Vinci - a talented painter. All these personalities performed their tasks effectively and efficiently, thus they are talented.

'Passion' comes from the latin word 'Pati' which means 'to suffer'.

Thus, passion refers to the dedication on the pain and suffering one is willing to undertake to complete any task. Gandhiji undertook many fasts unto death, faced arrests & thus, he faced suffering in order to achieve independence. Thus, he was passionate about independence. In addition to being a talented lawyer and a leader of the masses.

Similarly, Edison suffered failure numerous times but his passion for science

motivated him to persist despite suffering and he finally invented the electric bulb. Steve Jobs was fired from his own company Apple, yet he continued to work on projects like Pixar and NeXT and finally, made a comeback to Apple to save it from losses. Thus, Steve's passion for developing a simple, usable product for the users, propelled him to make Apple the most valuable company in the world.

Thus, talent and passion are useful tools for achieving success. However, they are not enough. They need to be backed by work ethics.

SIGNIFICANCE OF WORK ETHICS

One may become a talented player and may also be passionate about cricket, but if one does not practise enough regularly,

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then his talent and passion may fade and lead to failure. Thus, discipline in work is crucial, in addition to talent and passion.

But first, let us ask - 'what ^{exactly} does 'work ethic' mean? Work ethics refer to certain values and principles that must be followed while performing any work - public or private. For instance, an interview panel choosing candidates for a particular post, must follow the work ethics of fairness, impartiality and objectivity, while awarding marks to candidates.

Similarly, a politician, no matter how talented or passionate he is regarding politics, must follow certain ethics while giving his speeches. He must not target any religion, caste and should not create enmity between communities. Thus, passion of politics and talent of oratory are not enough unless they are backed with work-ethics of integrity and empathy towards other communities.

In a similar vein, talent and competence of civil servants is not enough, nor is their passion to serve the people enough unless they back this up with the work ethics of consulting experts and utilizing data for evidence-based policy-making. Had administrators listened to experts like MC Mishra and Dr. Ravi Chopra who warned against construction of hydropower projects in Uttarakhand, the tragedy of sinking of Joshimath would not have taken place.

Thus, listening to experts is a basic work ethic that needs to be followed while making big decisions. Not just this, seeking constant feedback from people regarding a scheme, helps in proper evaluation and course-correction in the implementation of a scheme. This basic work ethic of seeking feedback, excellently supplements the talent and passion of a dedicated set of civil servants, who work day and night for the welfare of people.

OBSTACLES IN CULTIVATING WORK-ETHICS

'Greed' is the first obstacle any individual or organization faces in cultivating good work ethics. Desire to make profits, may force a company to cut down its costs of quality checks, which may lead to delivery of shoddy products in the market. Availability of sub-standard pharma drugs is exactly because of the company's failure to adhere to work ethics. Increasing crimes like theft and murders for property, are another example of manifestation of greed and breakdown of ethics.

'Anger' is another obstacle that interferes in our work ethics. The recent episode of the anger of Ms. Hasmanpreet Kaur (captain of Indian women cricket team) and her conduct of hitting the stumps with her bat, when the umpires declared her to be 'out', showed the lack of ethics and the lack of respect towards the decision of the umpires. Thus, code of

Conduct and work ethics are paramount without which the talent and passion for cricket cannot survive.

'Lust' is another vice which disables a person from adhering to work ethics. The growing problem of sexual harassment in sports (as highlighted by the women wrestlers) and in schools and offices, hamper the effective functioning of these organisations. Talent and passion fails to blossom if work ethics are not followed in an organisation.

Quest for 'power' is yet another obstacle that prevents politicians from behaving ethically during elections. Thus, casteist, communal sentiments are definitely aroused during electoral speeches. Thus, ethical electioneering will continue to remain a distant dream unless the talent of oratory of politicians and their passion towards forming the government, is supplemented by work ethics.

Further, having no regard ~~from~~ for the environment prevents Companies from following environmental ethics. Companies frequently resort to greenwashing to hoodwink customers to buy their products. Using labels like 'bioorganic', 'green' helps to increase sales, when in reality, these products may have ~~not~~ no role in environmental conservation.

Finally, a handful of civil servants, end up compromising with their work ethics of transparency and accountability, by succumbing to the temptation of bribes or the pressure of politicians. Thus, talent and passion of a few civil servants goes out of the window, when they decide to compromise with their work ethics of integrity and non-partisanship. In this backdrop, it is essential to know how one can back up talent with work ethics.

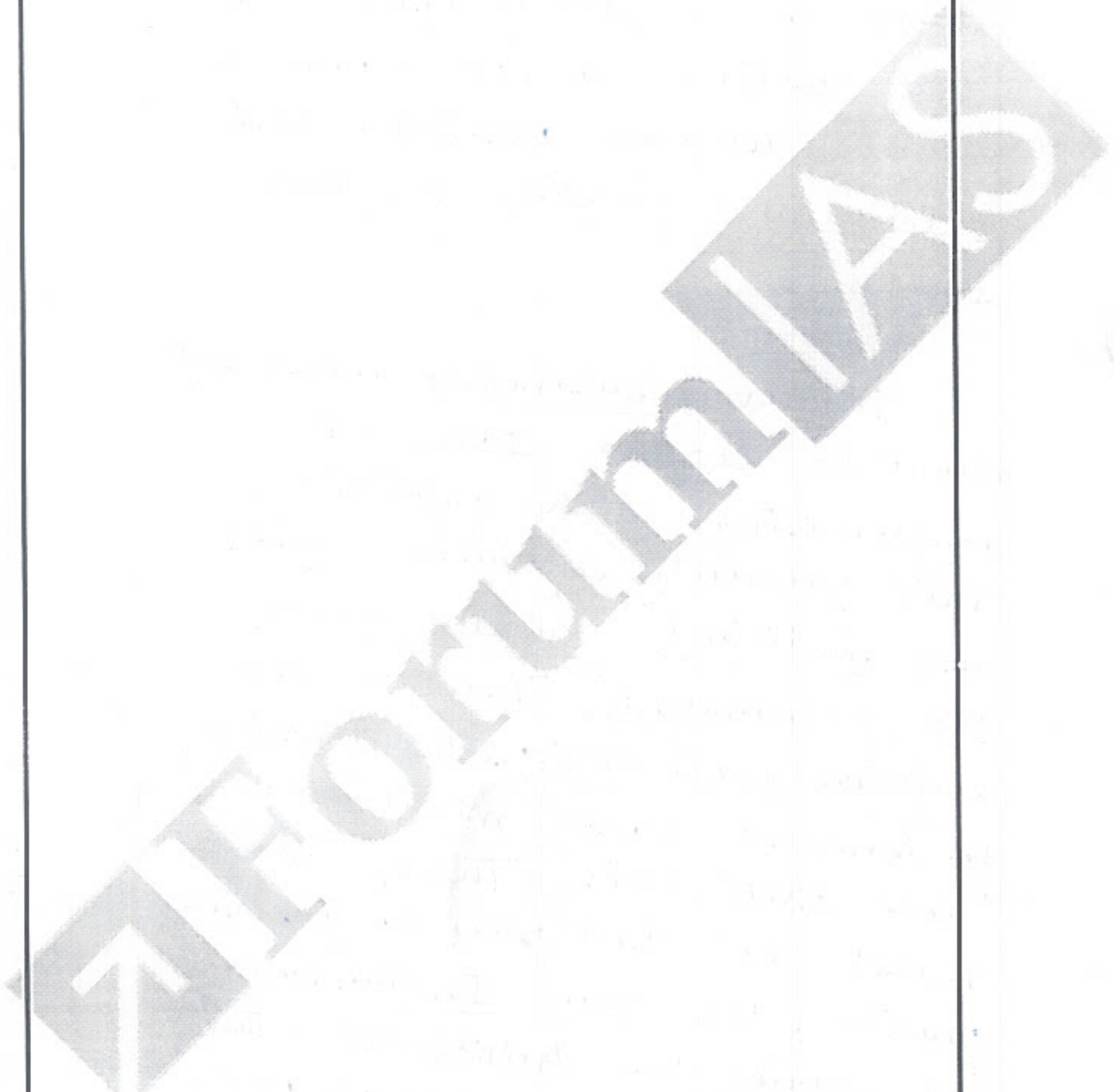
INTEGRATING WORK-ETHICS INTO TALENT AND PASSION :-

Leaders of today - be it the politicians or the civil servants, must take a cue from Mahatma Gandhi as to how he integrated his work ethics into talent and passion. Gandhiji's ethics of 'non-violence' were supreme. They were not to be compromised at any cost, no matter how passionate the masses are toward independence.

Indeed, it is due to the work ethic of Gandhiji that India is a free nation today. Similar work ethics of empathy, compassion, responsiveness, transparency and accountability needs to be exercised by our ^{talented} leaders today so that people's grievances can be solved in an effective manner.

Similarly, public figures - be it cricketers or civil servants must adhere to a code of conduct so that emotions do not become an obstacle towards utilizing their talent and passion for their success.

Moreover, businesses must not resort to copying IPRs or compromising with quality of their products, especially drugs and medicines. Quality checks are paramount. These are the supreme work-ethic without which ~~pe~~ innocent people might even lose their lives. Thus, India must not fall prey to ignoring quality, the way Indian weavers did during the British rule. Thus, let us resolve to supplement our talent and passion with work ethics for the benefit of our nation.



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।

SCIENCE APPLIED IS THE ENGINE OF
HUMANITY :-

The world has produced many great scientists whose pursuit for knowledge, enabled them to reveal the 'truth' about the world. For instance, Copernicus examined the geocentric model given by Ptolemy and came up with the heliocentric model, meaning the sun is at the centre of the solar system. Galileo further proved Copernicus'

thesis and ~~gave~~ gave the truth to the world that planets revolve around the sun. Kepler took this forward and proved that the planets revolve in elliptical orbits around the sun. Newton studied these theories and further, gave the concept of gravity.

However, all these theories were basic science. This science became the engine of humanity when scientists applied this science in making satellites and rockets. Thus, it was when satellites helped in communication, surveillance, navigation through GPS that this science was actually applied to serve humans. Thus, theories are not enough, only when they are applied, they become the engine of humanity.

BENEFITS OF APPLICATION OF SCIENCE

Applied Science has helped to eradicate many diseases from this world. For example, when Louis Pasteur invented vaccines for anthrax and rabies, that led to the eradication of these diseases. It also fuelled the development of vaccines for many other diseases like Covid, hepatitis, Cervical cancer and tetanus.

Not just this, the medical science ~~was~~ hugely benefitted when Alexander Flemming discovered penicillin. This science of penicillin was finally applied by scientists to develop ^{antibiotics and} drugs for many deadly diseases in this world.

Similarly, the development of steam engine by James Watt hugely benefitted the mankind. The science behind the

Steam engine was utilized to develop railways and steam ships, which revolutionised the transportation sector.

Further, computer science has now been applied to develop AI which ^{can} enable the world to use self-driving cars, get personalised medical advice and get response to queries through large-language models like Chat-GPT, Bard.

Thus, applied science has increased the pace of production in industries, helped to cure diseases and made transportation easier and cheaper. However, science is a double-edged sword as it has certain perils.

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PERILS OF APPLICATION OF SCIENCE :

Even though James Watt developed the science of steam engine to make transportation easier and faster. However, it was applied to the society in an unjust manner. The railways were used by the British to export food grains from India to Britain. This threatened the food security and led to massive famines in India.

~~Thus~~. Not just this, the railways were used to flood the Indian markets with cheap machine-made goods from Lancashire mills. The weavers of India could not compete and hence, the Indian handicrafts decayed. Thus, the Industrial revolution of Europe led to deindustrialisation of India because science was applied only to benefit Europeans at the expense of Indians.

Similarly, the science of 'Atom Bomb' developed by Robert Oppenheimer was misused to drop bombs on civilians of Hiroshima and Nagasaki. This application of science led to a nuclear arms race in the world. Thus, although an atom bomb brought an end to the World War 2 and ushered in peace, however, it also emboldened other countries to become nuclear powers.

Also, Applied science in the form of AI can act as an engine of humanity by automating processes. However, it can also lead to loss of jobs. It is not just the blue-collar workers who are losing jobs but also the white-collar ones too. From consultants to movie-writers to even teachers, everyone is becoming less relevant after Chat GPT has come into the market.

Not just this, AI and Machine learning were used in Cambridge Analytica scandal to interfere with the US elections. Deepfakes are increasingly being used to conduct cyber crimes and to spread hate, giving rise to communal riots.

Economics is another science used by policy-makers to take important policy decisions. Ricardian theory advocates 'free trade'. However, if the government applies this theory in practice and removes all tariffs on imports, many of our domestic industries will not be able to compete with the cheap goods manufactured in China. Thus, science cannot be applied blindly. Many other factors need to be taken into account before we can actually apply science to our society!

USING SCIENCE FOR A BETTER FUTURE :-

Science ~~the~~ needs to be given a 'humane touch' so that it can be utilized for the humanity's benefit. As Gandhiji said - 'Science without humanity' is a sin. Thus, it is time that science takes the society forward by solving numerous problems like disease, war and climate change.

Vaccines are inarguably the most ~~so~~ important, life-saving contributions of applied science. They have increased the life expectancy of humans and have, thus acted as the engine of humanity. However, as we saw during the time of Covid, the companies were unwilling to let go of their patent.

rights and share their technology, when millions were dying in the developing countries during Covid. Not just the companies but even developed countries showed their lack of compassion and held on to vaccine nationalism for a long time.

These emergency situations are a litmus test for the application of science. Patent waivers should immediately have been given by WTO in order to save humanity from the pandemic. Only when science is applied to save humans, only then it becomes the true engine of humanity.

Similarly, nuclear technology should not be used to threaten countries with 'wars'. Instead, it must be used to develop renewable energy and fulfill the energy needs of

the world without causing global warming. There is no denying the fact that the vehicles and industries created by applied science are the culprits behind the global warming and climate change. However, it is only applied science of renewable energy, which can save the earth from the deadly consequences of climate change.

Moreover, AI is causing huge disruption in labour markets. However, we must learn to adapt, reskill and upskill our population. We need to promote critical thinking and creativity in our students so that they can use Generative AI for their benefit.

Further, awareness needs to be created regarding the perils of AI and the crimes it can lead to. Only this can lead to prevention of many cyber crimes. Finally, virtues like gender equality, inclusive society, courage and resilience should be imparted to our children so that they can use, develop as well as apply science for the benefit of humanity.

FEEDBACK

COHERENTLY INTEGRATING WE INTO TALENT & PASSION

ForumIAS

Code of conduct cricketers.

- Non-violence
- Talented orator :- But must listen to grievances.
- Gender equality.
- Policy only after listening to scientist

SPACE FOR ROUGH WORK

→ Complete, no parts

Quality checks (Pharma exports) Don't decay like weavers

Talent & Passion are only useful tools if one has the work ethic to back them up.

Story :-

Indian weavers → calico craze → Indians hand clothed the world
↳ Talented, passionate

- Authors, researchers to not plagiarise.
- TRIPS values for medicinal
- Create value, success is a by-product.

they didn't innovate, didn't invest in machines, tech backwardness

Europe had it

I Importance of talent & Passion

Talent = aptitude/competence

- Eg:- Sachin Tendulkar
- Beethoven
- Leonardo da Vinci

- ↳ lacked Protestant work ethic
- ↳ Guilds decayed
- ↳ weavers started using adult methods, shoddy workman
- ↳ lost mkt to Lancashire mills.
- ↳ Quality decl

Passion = dedication

'Pati' = to suffer.

- Eg:- Edison
- Winston Churchill
- Gandhi
- Steve Jobs
- Narayana Murthy, etc

No licensing, No favouritism, let compete.

Significance of work Ethics

Principles to be followed during work: Non-violence, Integrity, P.Q.D.

- ↳ Discipline, regularity, showing up
- ↳ Quality (No compromised → Amateur, Customer-centric)
- ↳ Politics w/o principle → No job
- ↳ Diversity (Inclusive)
- ↳ Feedback culture (Scient, Bureau)
- ↳ Wealth w/o work
- ↳ Science w/o humanity → Plagiarism, Vaccine
- ↳ Religion w/o sacrifice
- ↳ Knowledge w/o character

Using data: No corruption (TATAs)

Taking ownership: Baldev

Env. Commitment

Obstacles: Greed (Profet), Anger (Haumanpreet Kaur)

Green washing, lust (Sexual Harassment, Wrestler)

Command, Caste, Lack of evidence based policies

COPING WITH SCIENCE

- How we use it → Vaccine waiver
- Stop nuclear weaponry
- Invoke **Forum IAS** Science to save env
- AI to create jobs → Adapt → skill

SPACE FOR ROUGH WORK

SCIENCE APPLIED

virtues → courage, persistence, awareness about cyber crime, critical thinking

• Copernicus ⇒ Kepler ⇒ Galileo ⇒ Newton ⇒ Rockets (Moon)

→ Ptolemy

- Louis Pasteur → Anth
- Alexander Flemming
- Fenifer Doudoms

Space debris
Deprived dev needs
Vaccine nationalism

PERILS OF APPLICATION

- ↳ Child labor
- ↳ Humanity backward
- ↳ Colonisation
- ↳ famines, ruralisation
- ↳ Deindustrialisation
- ↳ Impoverishment of Agri
- ↳ Pollution, CC

• James Watt

↳ nuclear race

↳ loss of jobs

↳ Blue collar consultants
↳ movie writers
↳ blue

↳ Political meddling (Cambridge analytics)

↳ Deepfake, cyber crimes

• Atomic Bomb → end of war

• AI → Self driving
↳ personalised recs

↳ chat GPT
↳ medical recs

• Economics

↳ Free trade (Ricardo)

↳ Market liberalism

↳ Competition

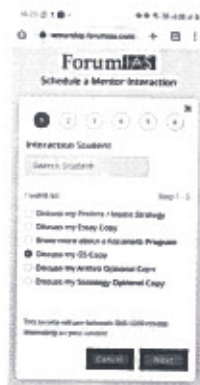
↳ Protectionism
↳ Excessive comp (telecom), airlines.

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If we are already doing well, a reinforcement from the Mentor will further assist us in following the right path. A Mentor may also be able to give valuable inputs with respect to time management, presentation, structure etc. He may recommend you clearly to work on content or may suggest you to take courses / read books in case he feels you lack content that may be quickly improved with a course at ForumIAS or elsewhere, or some study material.

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