



An Institute for Civil Services

IAS TOPPER'S

TEST COPY

SHASHWAT TRIPURARI

RANK - 19

ESSAY MOCK - 2

Roll No. _____

Time Allowed: 3 Hrs.

Max. Marks: 250

Instructions to Candidate

- Both sections are compulsory.
- Attempt one essay from each section.
- Each essay carries 125 marks.
- Write each essay in about 1000-1200 words.
- After finishing the first essay, attempt the next on a fresh Page.
- Any page left blank in the answer-book must be crossed out clearly.

(Examiner will pay special attention to the candidate's grasp of his/her material, its relevance to the subject chosen, and to his/her ability to think constructively and to present his/her ideas concisely, logically and effectively).

Relevance, analysis and communication - all the elements are V. good!

Name Shashwat Tripathi

Mobile No. _____

Date _____

Signature Shashwat

1. Invigilator Signature [Signature]

2. Invigilator Signature [Signature]

Remarks Excellent!

65
~~65~~
125

A good write up in all respects and appeals to both - reason and emotion.

Excellent! Keep it up!

God bless you!

If you maintain the same standard in other papers, success has no option but to kiss you

65
125

Excellent!

Keep it up! No arrogance and complacency please. Practice, practice and practice. The indications are evident. You are going to win if you can handle other papers with same standards and benchmarks.

SECTION - A

1. A sporting society is always mightier and happier than those which are not.
2. The ultimate freedom comprises self-awareness, conscience, independent will and creative imagination.
3. The end doesn't justify the means.
4. To be beautiful, life does not require to be big.

SECTION - B

1. The migration streams reflected progress in the past, they represent distress in the present.
2. Corruption has become a national culture in India.
3. Industry 4.0 is the biggest game changer of present and future.
4. Laws catch flies but let hornets go free.

2. The ultimate freedom comprises self-awareness, conscience, independent will and creative imagination.

Since the dawn of humanity, man has always been in search of freedom. From the Homo sapiens of East Africa which emerged 70,000 years ago and wanted the freedom to colonise distant lands, to the modern man of 21st century that seeks internal freedom, the path to freedom has always been guided by awareness, conscience, independent will and creative imagination.

These four key components are not merely words forming the parlance of disciplines like ethics and philosophy, but

Reasonably good intro!

Remarks

they are deep metaphors which, through centuries, have been part of the consciousness of humans seeking the ultimate freedom.

But before we begin to analyse these, we must first understand what is ultimate freedom. When Rabindranath Tagore exclaims, 'Where the mind is, without fear and the head is held high', he emphasises that freedom refers to courage and lack of fear.
 very good!

This understanding of freedom has been reaffirmed by leaders like Abraham Lincoln, Gandhi, and Vincent. However, to give a broader definition to freedom, it also includes absence of

Remarks

justices, which was emphasised by great thinkers like Montesquieu, Rousseau, Thomas Jefferson, and so on.

Self-awareness has always been the first step to ultimate freedom.

Martin Luther King Jr., who lead the Civil Rights Movement in U.S.A., first made

the Blacks self-aware before mobilising them. His famous speech, 'I have a dream', reflects the aspirations of freedom and the self-awareness of rights as an American. excellent! clear understanding & apt example.

Had he been not aware of the Bill of Rights in the American Constitution which enshroues 'inalienable rights' to all Americans,

Remarks

he would ~~not~~ have been able to lead the African-Americans to liberty with conviction.

However, the question then arises that why only a few are able to become self-aware? To answer it, we must turn our attention towards conscience.

very good refers to our inner innate ability to differentiate between good and bad. Mahatma

Gandhi once remarked, 'there is a court higher than the court of law, and that is the court of conscience'.

Conscience helps us in becoming self-aware. It leads us towards the righteous path and freedom. When Gandhi

Remarks

was thrown off a train in South Africa,
 he first became extremely furious against
 the railway officer. But, he listened to
 his conscience and realised that 'hate the
evil, not the evil doer'. He became self-aware

very good

that it was the practice of racism and
 colonialism that needs to be fought, and
 not individuals. He reaffirmed faith in
 his conscience, and brought to it knees
 a mighty imperialistic power through
 non-violence and satyagrah.

very good connect
 Relevant
 Focused

To translate conscience into
 action, as Gandhi did, independent will
 is the sine qua non. It implies ruthless

Remarks

discrimination and never giving up, despite intermittent failure. Dr. B. R. Ambedkar faced discrimination and injustice throughout his life. But his independent will never weakened. On 28th January 1950, the nation got one of the most progressive Constitution which gave social, economic and political freedom to women, Schedule Castes, Schedule Tribe, minorities, the capitalists, socialists, and every Indian, because of the independent will of Balasaheb Ambedkar.

But many a times, despite self-awareness, conscience, and independent will, ultimate freedom seems elusive.

Remarks

This is because corruption and will are so powerful that they are difficult to be defeated. For example, even when individuals desire for economic freedom often, the monopolies of large businesses make them unable to do so.

In such a scenario, creative imagination helps David against

the Goliath. Jeff Bazos was

once an aspiring entrepreneur who wanted to establish a large retail business.

However, large companies like Walmart made him look for some innovative measures. In late 1990s,

excellent!

what an example!

what a placement!

Remarks

Jeff Bezos founded Amazon, and today he is the richest man on earth, even ahead of Bill Gates. His creative imagination of leveraging technology to build an e-commerce business gave him the ultimate freedom in an economy characterized by large players only.

Nevertheless, the road to freedom is not easy. Many a times, self-awareness has been in a negative direction, conscience has been misunderstood by terrorists, independent will has been used for building empires of mafias.

Good critical thinking

Remarks

and creative imagination was used to develop nuclear bombs.

In all the above cases, instead of leading to ultimate freedom, they have ~~led~~ lead to ultimate pain and misery.

Hitler's Nazi Germany regime used propaganda to make the masses 'self-aware' of their Aryan identity.

He gave the clarity for an Aryan homeland where Teutons and 'inferior' like Blacks and Asians would have

no place. The deplorable holocaust was caused that killed thousands of

Remarks

innocent Jew.

Similarly, Jihad's misunderstand
their ~~thoughts~~ radicalized thoughts
with their conscience. This leads to

terrible attacks that sabotage the
freedom of humanity. They have

the independent will to even carry
out suicide bombings like on World

Trade Center in the US

Creative imagination also, when
channelised in the wrong direction,

leads to making profit from

human trafficking and child pornography

This violates the dignity and freedom

Remarks

of women and children.

Hence, in the 21st century, where Artificial Intelligence, humanoid robots, increased materialism and commercialisation of even basic goods and services, is the order of the day, how should we use self-awareness, conscience, independent will and creative imagination for the ultimate freedom, is the moot question.

The answer is not very difficult - Education. Education is the vital tool on which ~~rests~~ the future of our world stands. Thus, a secular, rational and humane

Remarks

Education needs to be imparted to our children.

Only then will they be able to understand what is freedom, conscience, independent will and creative imagination, and self-awareness.

Rousseau once remarked, 'Man is born free, but everywhere he is in chains'. The ultimate

freedom he seeks indeed comprises conscience, creative imagination, independent will, and self-awareness, but it must become a reality only with emancipating education to the masses.

Excellent!

Remarks

X

Section - B

3. Industry 4.0 is the biggest game changer of present and future.

Industry 4.0 refers to the new industrial revolution that is emerging with the use of technologies like Artificial Intelligence and Machine Learning, 5G telecom & services, Humanoid Robots, Internet of Things (IoT) devices, and so on. It has the potential to revolutionize the life of man and robot is precise and best the central idea! humans and can be the biggest game changer of present and the future.

Before discussing Industry 4.0, it is pertinent to look at the evolution

Remarks

Industrial revolutions. Though the earliest industry, dates back to as far as 200,000 years ago, when Homo Erectus ~~made~~ first made stone tools in ~~Africa~~, today referred to as Olduvian tool industry, however in modern era, Industry 1.0 refers to industrial revolution in Britain in the latter half of the Eighteenth century.

Industry 2.0 refers to the industrial revolution in the ~~early~~ late nineteenth century, predominantly in USA, Japan and Western Europe. It was characterised by mass production of iron and steel using new technologies like Blast Furnace, revolution

Remarks

in chemicals and fertilizers, and assembly line technology.

Industry 3.0 refers to the ICT (Information and Communication Technology) revolution in 1970s. It led to computers and digitisation. It also helped in better communication and in globalisation. Today in the 21st century, mankind is looking at Industry 4.0, which can be a game changer.

Indian agriculture today is in a situation of crisis with low yields and productivity. However, with Artificial Intelligence, a new technique of precision agriculture is being developed today by the NITI Aayog.

Remarks

Precision agriculture leads to better fertilizer and irrigation use by suggesting, using data history, the areas which needs the inputs most. It can solve the agrarian distress and lead to rise in productivity.

Similarly, in the health sector, Artificial Intelligence can be an efficient doctor that can help determine the correct dosage for patients. Compared to a normal doctor, who might have experience of a thousand patients, an Artificial Intelligence program, can take the data of millions of patients, and behave as a better doctor with greater experience. It can help fast

Remarks

cancer, AIDS, and complex diseases.

In the area of health, robotics can also be of much use. Robots can carry out ~~so~~ complex surgeries. There are nanorobots who can even perform surgery inside our body without even cutting a mark on our skin.

5G telecom services is also a boom on which the entire AI revolution will rest. It can provide speed of 1000 of Gigabytes per second and help in greater communication, ease of doing business, telemedicine, tele-education, and so on. It will boost distant learning.

Remarks

and help students get taught by the best teachers across the globe without loss of connectivity.

Industry 4.0 will also have Internet of Things (IoT) devices as a key element.

It refers to our appliances sharing and receiving data in real time for e.g. Alexa

of Amazon. It will lead to greater ease of living and material progress.

Therefore, Industry 4.0 may create a world where our way of

life may be drastically changed. Even

our social structure may also change.

5G technology and IoT devices may make

Remarks

distant long-distant relationships and marriages more lasting due to mass connectivity.

Similarly, humanoid robots may help ameliorate condition of manual scavengers. Robots like 'Bamli Co.' today are being tested that can clean sewers. Robots can also be deployed in hazardous occupations like mines and help provide dignity to the workers in these sectors, who will shift to more productive roles.

But, like every other industrial revolution, Industry 4.0 can also be a negative gamechanger in many respects. Karl Marx has highlighted that industrialisation

A para on digitalisation and its role in good governance, delivery and communication may be inserted. IAM Trinity and better targeting without leakages for example

Remarks

leads to class divide, and 'haves' and 'have nots'. For e.g. Industry 1.0 lead to poor working conditions among British workers, rise of slums, and British colonialism. Industry 2.0 lead to the scramble for colonies among the industrial powers which culminated into the World Wars. And, Industry 3.0, lead to rise in cybercrimes, lack of digital access by poor and the illiterate, and job losses.

Today many social scientists are afraid of the negative fallouts of Industry 4.0.

The major challenge is the threat to privacy. The Cambridge Analytica case informed showed how AI can be used for poor!

Remarks

psychological profiling of individuals that may be used to subvert democracy and vitiate elections. IoT devices' data may also be hacked to get the most intimate details of a person, when he is thinking that he is alone in his house. It is being exclaimed that 'Data is the new oil'.

privacy
(threats)

The threat to privacy may also come from State itself. In the 2019 Hong Kong protests, China the police used AI techniques and cameras to identify protesters and target them individually. In the longer run, there may be a risk of state

surveillance as well.

Job losses are also an emerging threat. The International Labour

Organisation's Future of Jobs report

v good!

highlights that without proper regulation, Industry 4.0 may lead us sleepwalking

into a world that widens inequality, causes laying off of millions of workers, and threatens humanity.

The ^Hollywood movie 'Terminator: The Rise of Machines' in a dramatic

way, predicts the future of mankind

where machines may rule us. This is possible if AI, SC, IoT and robotics is

Remarks

misused.

Therefore, Industry 4.0 is the biggest game changer. But the direction of change depends on our will. As

William Shakespeare remarks, 'all things ~~our~~ are ready if our mind

be so. It is the character of humanity that will determine the future of it.

Excellent point
Great punch!
Edgy idea!

Running or running away from Industry 4.0. It has the potential to bring about a positive change. We must embrace it, but with conditionalities.

Remarks

Jawaharlal Nehru once famously wrote to Adlai Stevenson on industrialisation,

'I believe in the machine and would have it spread in India, but I also believe in the social control of it'. Thus, Industry 4.0 needs a similar outlook, for it to become a great gamechanger.

Very elegant
quote
and your
conclusion
elegant!

Remarks