

Test 5

No Entry

GS SCORE

~~ESSAY~~
Test - 5

Roll No. _____

Time Allowed: 3 Hrs.

Max. Marks: 250

Instructions to Candidate

- Attempt both essays
- The test carries 250 marks.
- Write each essay in about 1000-1200 words.
- 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).

62+57
119

Name Saransh Mahajan

Mobile No. _____

Date _____

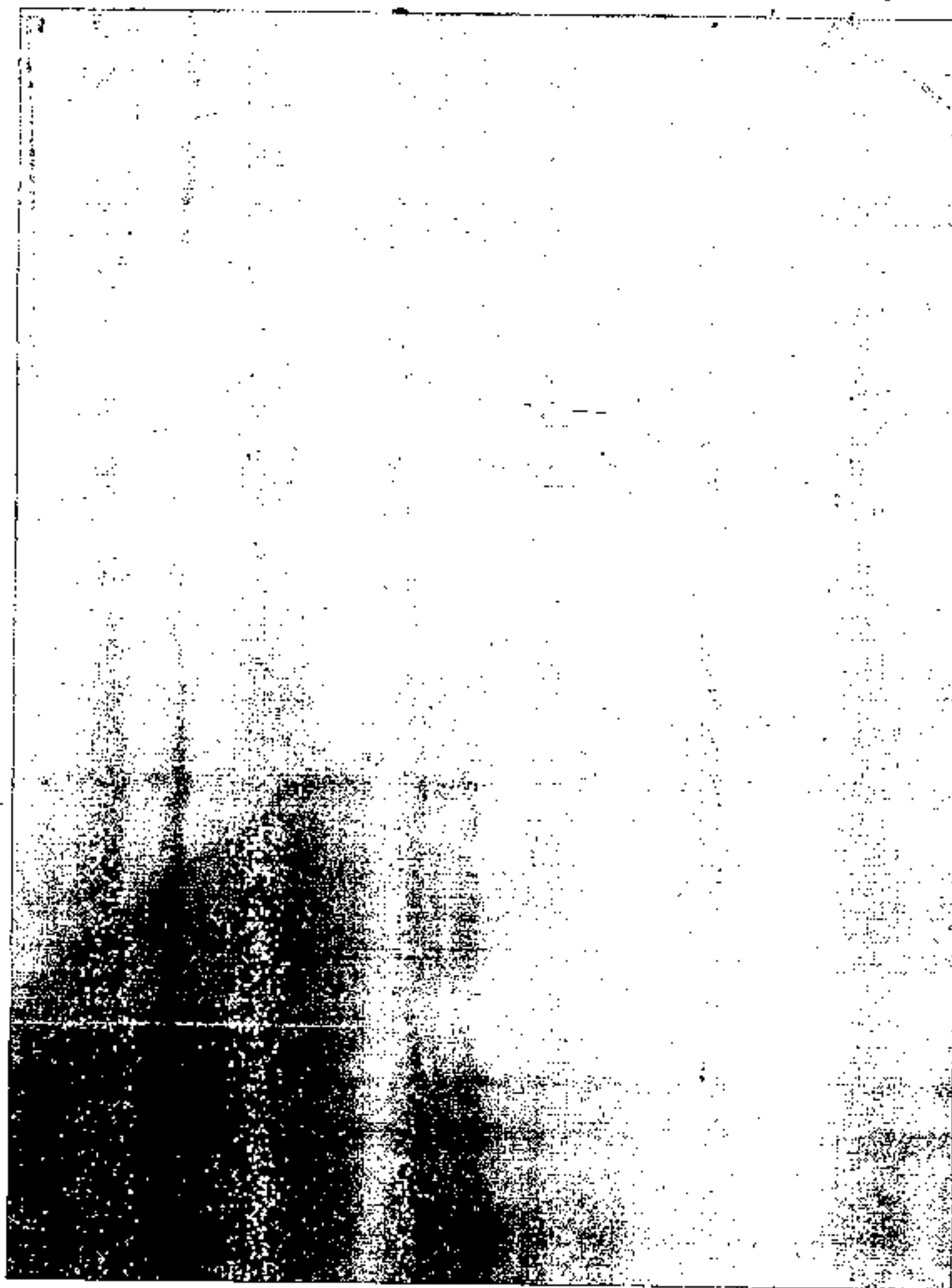
Signature _____

1. Invigilator Signature _____

2. Invigilator Signature _____

Remarks

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| |
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SCIENCE IS A BEAUTIFUL GIFT TO HUMANITY,
WE SHOULD NOT DESTROY IT

'Nothing is more irrelevant than
irredeemably bad science'

James Watson
check the
sentence

Let us begin by talking of the
moxon study. The study got its
name by the way it was conducted.
in UK. Around 20 children
(orphans) were interviewed & given
feedback on their speech. Half were
given positive feedback and the
rest negative feedback - all
arbitrarily only to test a scientific
hypothesis. The effects of
negative feedback were so pronounced
that some of these children
continued to face problems
in speech throughout their lives.
Some also suffered seizures?

of the
author
& the
quote

psychological damage. Heine, Hill
name murder study.

On the other side,
we have the story of Shanti De Silva
suffering almost at the same time.
she was given a few days to live
as a four year old, but is now
a forty year old, all thanks to
gene therapy.

What these two examples show is
that science is a potent
force with enormous energy
to do both good & bad.

The essay will examine both
these facets and offer solutions
on the best way to channelize
these energies for our good.

Science: A Gift

History is full of examples
of men like Galileo, Copernicus

Newton, Charles Darwin and others
who had to fight orthodox views
to establish the principles of science.
Their theories have stood the test of
time and have improved our
lives in many ways (As art create
Improvement in their
invest it
has brought
in

Deaths due to many diseases
are now a thing of the past
all thanks to science. As it
discovery of polio vaccine,
penicillin or ASA conscience
each has helped improve human
health.

The present pace of manufacturing
has its genesis in the industrial
revolution which was again a
gift of science. The promise
of future connectivity via
autonomous cars, electric vehicles,
bullet trains are all made

possible due to scientific endeavours.
Not even digital connectivity, digital connectivity has
now connected 21 billion devices
around the world. People are
more connected, informed & efficient
than ever before - a gift
of science.

Energy is at the core of
human life. Exploitation of all
forms of energy - coal, oil,
solar, wind, nuclear has been
made possible by science.
It now promises a more sustainable
energy future by advances in
nuclear fusion, ocean energy etc.

~~Access~~ to energy is directly
linked to human development,
as per World Survey 2018-19.
It is difficult to imagine
science.

Provide
the
three
points
explaining
the
importance
of
science

In the field of agriculture, science is helping farmers right from selecting the right crops, fertilizers to finding the right markets. The Soil Health Card, eNAM, CHANNAB & other endeavours of the government - are deeply rooted in science.

In the financial space, artificial intelligence, blockchain are helping banks identify frauds and deliver better customer experiences. Aadhar & Digital benefit transfers are technologies with a strong scientific background at their core.

Chandrayaan, Mars Orbiter Mission and Indi satellite technology have improved India's position as an emerging space power.

Science (is) today not ~~science~~ only a pursuit of

with. It is giving voice to and improving lives of the weaker sections in myriad ways.

Consider for instance initiatives like SWAYAM & epathshala for increasing literacy rates.

Or the Kanyashakti app

that is connecting several

tribal communities to the other

parts of the nation - all these are

invariably products of advancements

in science.

Science has thus permeated almost all aspects of our life today. Many

central government interventions like

Pradhan Mantri Aashirya, Vijwala Yojna,

Jan Dhan Yojna, CPGRAMS

are heavily reliant on science.

Science thus is improving our

lives in several ways and

(11) This points the benefit of science has been adequately covered.

is indeed a blessing. But as Paulo
Coelho says... 'Every blessing ignored
becomes a curse.' There are many
ways in which we have distorted
science for our ulterior motives

Distortions in Science

The world has seen two major
waves and both of them showed
the perils of bad science - be it
weapons or nuclear bombs.

Today this has expanded to include
cyber warfare, biological & chemical
weapons & even weaponization
of space.

Human cloning & the quest
for manufacturing designer babies
is another example which
shows how we are trying to
distort science. This is also

leading to emergence of new
diseases like Ebola ~~to~~ ~~which~~

puts our very own existence in a state of deep crisis.

~~Generating~~ ^{Generating} waste, ^{Causing} plastics and pollution

is where this destruction ravages the environmental arena.

The catastrophe is such that UN-IPCC has given us just 12 years to

rethink our ways. While connectivity and efficiency are important, science

has been destroyed to fuel our

murders concomerence (Provide Ex. on this point)

financial frauds, reason-

ware, malware, online abuse,

hacking, corruption are few

cases which show how ~~we~~

the dangers of bad science

have transcended even to the virtual world

Cambridge Analytica is based on

the principles of scientific data

mining, but it used it

to illegally profile people and

Could be also covered the all-effect science as agriculture.

Also covered the potential impact of the industrial revolution on employment being transcended even to the virtual world space debris.

Influence their political attitudes
 What all the above examples show
 is that one distortion of science
 are breeding a culture of ignorance
intolerance, distrust, lack of
respect for nature and for each
other - All these threaten the
very notion of humanity. If there
 is no humanity, what good will
science do?

The ~~danger~~ leap into our future

to where lies the solution?
 Einstein famously remarked that
 humanity & science are characterized
 by a PERPETUATION OF MEANS &
CONFUSION OF ENDS. It is this
 tendency that we must alter

For the meaning of the quote.
Two heads or two parallel
roads - of good & evil & it

Sp. health
 Pacuro
 note
 date

Remarks

is for us to head on the right path
 - for science itself is value neutral
 and will do as we deem it to.

A way is to ensure clear
guidelines and legal statutes for
 scientific experimentation that will
 not to subscribe any misuse.

~~Moreover~~ At the same time there
 is a need to build more
 awareness among the people to
 choose the right kind of science.

The Curiosity Cube in Mumbai
 is doing that. Governments

Atat Innovation Mission (AIM)
 works in similar ways to
 foster scientific temper & not
superstition among students

The world can also take
 cues from swami Vivekananda's views on

merging science & spirituality.
Both can enrich each other
& help alleviate human sufferings.

India has been a
leader in hard & soft sciences
since time immemorial.

The Vedas argue 'SARVASYA
LOCHANANI SHASTRAM - science is
the only eye. Indeed science
is a beautiful gift to
humanity without which life
is inconceivable. Like the leader
we've seen, this is also a
time when India can take
lead & ~~take the lead~~.

It is wisdom to show to
the world how not to destroy
it.

Has adequately explained the introduction,
arguments, dem. part & conclusion of the essay.
Need to focus on elaborating certain points &
being c.g. for giving clarity & clear readability.
A though issues with science are addressed, it would
be better if more issues were to be entailed.

Excellent
in
in tandem
with
the
topic.

62

62

'PEOPLE DECIDE THEIR OWN DESTINY; FORTUNES ARE MADE OR UNMADE BY KARMA'

'The history of free men is determined not by chance but by the CHOICES they make'

Eisenhower's words exemplify the importance of Karma or deeds in human life. Good Karma can ennoble millions of lives and bad Karma can equally destroy millions. The good deeds of Lord Rama and Krishna viz-a-viz the evil deeds of Ravana & Kansa are a testimony to this. In both the cases, it was the choices that they made that decided their future and how the generations ahead would look at them.

As the world, once again increasingly grapples with the conflicts

between the good and the evil, the essay will attempt to validate the notion that our fortunes are invariably linked to our Karma.

Introduct
98u
has

The Benefits of Good Karma

related to the aspect of choice / Karma but has not covered the contribution of choice

'Great men are not born great they become great'. Marie Perle's words in the Godfather find resonance throughout history.

Swami Vivekananda

died at a fairly young age, but it is his good deeds, his compassion, empathy and work among the poor that makes him a legend even to date. The Smart India Hackathon is modelled after his good deeds. In the contemporary times it is many young students who through their actions are trying to find answers to some of the pressing problems facing our

①

country.

Like him, Jai Ghanshyam Ti established a warrior class (Khalsa) through his good actions. He died at the age of 46, but Khalsa continues to be relevant today.

In the field of sports, we have personalities like Milkha Singh and Shyam Chand who earned their fortunes and made their destiny by their sheer hardwork.

In the arena of law, the nation forever remains indebted to the courage of Justice H.R. Khanna. He was the sole dissenter in the ADM Jabalpur case; sticking firm to constitutional ideals of free speech and right to life.

His dissent costed him the post of the Chief Justice of India, but his penit continues to hang in

Case no. 2 of Supreme Court
 regarding us all of the lasting legacy
 his Karma has created.

In the political arena,
~~the~~ Mahatma Gandhi was a firm
believer & follower of good Karma.
 He remained a fakir till death,
 but his good deeds changed the
 destiny of millions & billions around
 us. The same principles were
 exemplified by Martin Luther,
Abraham Lincoln, Nelson Mandela,
Lal Bahadur Shastri and many others.

E. Sreedharan remains
 a towering figure in the public
sphere. Each one of the projects
 he led — be it Konkan railway
 or Delhi metro to Kochi metro
 exemplify his good Karma. He
 displayed utmost sincerity, transparency

in each of his assignments and set new benchmarks for aspiring administrators.

4 APJ Abdul Kalam is another best book. Care of how one chooses shape our destiny. His empathy and compassion for fellow Indians is known to all. ~~He~~ He breathed his last at 11M Shillong - making the young management graduates understand the importance of good deeds.

Mohammad Yunus, the noble prize awardee dedicated his entire life to the poor. He had immense belief in their abilities. Starting from his own resources, he began lending to self help groups that culminated in the formation of the Grameen Bank. Every Bengladeshi now takes pride in calling Mr. Yunus as their own.

5) हिरेनिस in the social sphere, we have people like Malala Yousafzai who taught all of us the importance of educating the girl child. Kalpana Chawla became the first dalit woman entrepreneur and she is now helping several like her to stand on their own feet. She could've led a life of luxury but she continued to pursue the good — a choice that she made which is now making the features of many young women.

Even the corporate sphere has many examples that show us the footprints of doing the right Karma.

NR Narayan Murthy

the founder of Infosys ~~lost~~ lost his job as a thirty year old.

From point (a) to (b) ⇒ has provided a lot of personal account of personality should've restricted it for ESSAY.

balanced it with the bad. Karna point.

He had to take a low paying job at Patri computers but his entrepreneurial vision didn't fall down. After years of planning & unflinching hard work, he formed Infosys — its market capitalization is more than the GDP of many countries today.

(c) Adi Godrej, made a multi-billion dollar enterprise but all through he never compromised on his morals. At a recent interaction with students he argued for the importance of making the right choices, doing the good thing. 'Play to win, but don't play dirty' were his remarks.

Bill Gates is another example. Despite being one of the richest men alive today, he decided to give 80% of his wealth to charity. His fortunes are now

Remarks

Empowering the fortunes of many
including millions in India. This
is indeed a way to leave your
hallmarks in the sands of time.

The Perils of Bad Karma

For every Mahatma Gandhi,
the world has seen a Hitler or
Mussolini.

There are those like Osama bin
Laden & Magoo who
are sent world over for
their actions. A case of
mistaken priorities, wrong Karma
means that they are UN designated
terrorists. They unmade not
only their destiny but also their
families that continue to
face the stigma.

In the separate
circle trading scandal.

Remarks

by Rajat Gupta led to his downfall ~~to~~ from the poster boy of hard work and success to one of greed unmaking & destroying fortunes.

The likes of Vijay Malaya and Nisar Modi further share this. Bad Karma comes to haunt you one day or the other.

The political arena has seen many such cases of people making the wrong choices and destroying themselves. late Rasool Yadar, Shibu Wankar etc. show this.

For every lakhin & milkha Singh, we also see sports persons indulging in doping. This has destroyed many a careers instead of making them.

5

Remarks

Even the entertainment industry has lessons to offer. Manata Kulkarni

— the yesteryear actor was once an idol of young women trying to make their mark in Hollywood.

She unfortunately entangled herself in many a wrong deeds including drug supply racket. No one in

the present generation remembers

her glorious film career for this reason only. Even as we continue

to respect & idolize many before her like Madhubala, Meena

being Kumari.

People thus are a master of their

own destiny. Our deeds determine

our features.

The way ahead

The present social milieu is fraught with many challenges

— violence, inequality,

climate change etc. The actions
we take now will determine
what the future holds for us.

The world has been able to bear
the brunt of several wars and
destructions, only because there were
some among us who continued
to do good.

The lives of these people ~~also~~ should
become our guardians. Who
could've thought that Baba Amte

would inject himself with
leprosy bacteria to show to the
countrymen that the disease was

curable. But it was his belief

that shaped the features of
many people suffering from
this disease.

Salunraradda Thumakike is a

40 year old woman from Karnataka.

She has no children but continues

Avoid
so many
direct sites
especially
when they
don't
take the
essay
forward

