

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).

*60+63
Mym'*

Name Madhumita

Mobile No. _____

Date _____

Signature Madhumita

1. Invigilator Signature [Signature]

2. Invigilator Signature _____

Remarks

SECTION - A

1. A real champion is one who enjoys the art of competition and not its outcome.
2. Darkness cannot drive out darkness; only light can do that.
3. Yesterday is history, tomorrow is a mystery, today is a gift of God.
4. Science is a beautiful gift to humanity; we should not distort it.

SECTION - B

Situations do not make or break us; our choices and decisions do.

2. Man does not get two separate lives, one 'to struggle' and the other 'to live.'
3. Winners are not necessarily true and ethical.
4. People decide their own destiny; fortunes are made or unmade by karmas.

Section - A

SCIENCE IS A BEAUTIFUL GIFT TO HUMANITY;
WE SHOULD NOT DISTORT IT.

"Our Scientific selves are taking over our Spiritual selves. We have guided missiles and misguided humanity"

— Martin Luther King Jr.

Science is a gift to humanity from God. The Lord blessed us with brains that can think, research, innovate and bring out

solutions to some of the greatest problems of man kind. Just as God had told Noah in the "bible" that "I have made humanity the master species"; far superior than other beings on earth.

It is only science that liberated humanity from the fatal smallpox. Science has enabled us to cure disease, let the amputees walk, the deaf hear, and the blind see. Science has led us to the moon and back. The prospect of another human occupied planet is hopeful because of science.

only. From the humble sewing needle to the aeroplanes flying in sky, physics theory of area, pressure, force, buoyancy has led humanity to flourish & live a life of comforts. Biotechnology, as suggested earlier is throwing up cures for the hitherto incurable and Information Technology has made the world more into a 'close knit' family of sorts.

But what is this Gaulation of humans destroying science? What will comprises

Remarks

the acts of distortion? Are we misusing science? What would be the consequences for humanity? (Are we threatening our own existence?)

Are we acting ethically? Is there more to science than just being a tool of comforts for few?

There are many such questions, let's explore.

The greatest distortion of science in the history of mankind appeared during the cold war (1945-1991). In a quest out power each other, USA and USSR indulged in arms race, nuclear bombs, hydrogen bombs, intercontinental ballistic missiles and more lethal weapons were created. All thanks to science, by the 1970's these two powers had accumulated enough arsenal to destroy every inch of life on earth. This arms race has now engulfed the Asian continent where China, India, Pakistan are now multiplying their weapons in hope of not being outnumbered by

Remarks

nuclear
arms race
is going on

their hostile neighbours. The blessing of science has turned in to a curse for humanity who live in fear in this nuclear world where threat of "nuclear attack" is so frequent.

Nuclear attacks seems a remote possibility but everyday attacks on the have nots of science by the haves are equally devastating.

There is this big MNC lobby in pharma sector which hires the best brains in science, spends millions to roll out new drugs to cure fatal diseases. But blinded by greed, deprives the poor people of these drugs. Lacks die around the world due to TB even as the market has enough medicines, well packed in bottles and packets. Inequality of science is fatal to these have nots. Indeed, humanity dies every time a TB patient loses the battle to such scientific distortion of evergreening of patents.

Diseases afflict us; we have no control but we can surely chose to avoid making our fellow humans the trial bodies to

test scientific advancements in pharmaceuticals.

In the name of innovations, thousands of food people catch allergic reactions and ailments that ultimately claim their lives. It's an example of science that is evil, selfish and cruel.

While humanity sometimes uses science selfish motives, science can also liberate from cruelty of nature. It is because of science,

that satellites roaming in space ^{warn us} about an impending cyclone or bursting of volcano. It forewarns the administration to evacuate people & thus avoid loss of human life. The gift of science is indeed worth cherishing in such moments but

humans sometimes cause disasters using science. Releasing chunks of mud while constructing in hills, chokes the river's path, it leaves its original route and floods the area. ~~Kedarnath~~ floods were

the result of these distortions of science.

A similar distortion is visible in use of nuclear science. As the world leaders ratified the Paris deal to limit the emissions of Green House gases to ^{stop} reverse climate change, nuclear energy is being seen as the source of clean energy. But "Chernobyl" like disaster stares us in the face. What if an outfit like ISIS got hold of this technology. It sends shivers down the spine, imagining the horrors they can wreak on humanity.

No less horrible is the advent of cyber attacks. The recent instances of WannaCry & Petya ransomware affected computers across the world. Since computers have become an indispensable store of information, any malfunction in these can paralyse infrastructure around the world such as hospitals, airports, banks, schools and colleges, trains and other such crucial human necessities. Hence, distortion of science indeed causes great discomfort to humanity.

Remarks Recently in USA, the critical computer system was out of gear for sometime, the passengers throughout US had to wait at AIRPORTS for

Industrial revolution 4.0 is perhaps the greatest result of scientific advancement in the 21st century. Robotics, Artificial intelligence, Internet of things is what humanity expects to aid it in leading a more comfortable existence. Robots etc.

Replacing priests at Buddhist funerals at a fraction of the price charged by the latter seems another distortion of science. As Gandhi rightly warned replacing Robots Humanity "Men go on replacing men with machines till thousands are thrown on the streets to starve".

As to Artificial intelligence, it can certainly be a boon to populated areas popular in rendering medical services, educational instructions, etc. But movies like "Terminator" throw up an alternative scenario. It shows how USA's artificial intelligence system in control of the nuclear weapons becomes self-aware and identifies humans as menace to AI itself. It starts firing missiles at Russia in anticipation of a counter strike that will wipe out humans.

Remarks

humanity from the face of earth. ~~Avengers~~: The age of ultim had a similar tale to tell. Its lord ~~Krishna~~ said in the Holy Gita - "what human beings can think and imagine is surely possible, because it is they who conceive and execute on earth",

~~such a scenario can't be dismissed as mere imagination~~

~~Facebook's artificial intelligence system started recently using a language that human could not comprehend, not even the system's inventors.~~

~~Science to the~~ The distortion of science by

humans is most visible in ~~agriculture~~ Inventions of

~~fertilizers, weedicides, pesticides~~ in quest of safe-

~~-guaranteeing crop against failure has led to virtual~~

~~poisoning of human food. The pursuit of doubling~~

~~farmer's incomes has led to spread of numerous~~

~~diseases in unsuspecting consumers. Now, the organic farming is getting momentum - sick kids~~

~~is the first state in India to go fully organic - other states spend science helped us create~~

~~cars, scooters, bikes, Aeroplanes, ships. Distances became~~

~~smaller & destinations came nearer. But humanity's~~

~~never ending quest of having more and more~~

Remarks

~~Please add it to transport vehicles & in~~

~~std, not r~~

vehicles to ease life has led to widespread pollution of water, air & sound. WHO has called pollution as the biggest cause of premature deaths across the world". At the same time, our exploitation of natural resources using scientific advancement is another such distortion of science.

Using the big machines, we drill in the ocean to get petroleum but end up endangering the marine life. Oil spills poison the oceans & deprives the marine life of oxygen resulting in large scale mortalities.

Similarly, the ever shooting population numbers need more space to dwell. Using scientific advancement, we have faster ways of deforesting, depriving the wild life of its habitat, disrupting the water cycle and cause erratic rainfall & droughts. Science is being used to disrupt the natural 'Ecological balance' on earth. Consequences of

Remarks

deforestation is
causing
green wet lands
flooding

~~This are surely born by humans only.~~

~~Aggravation distress due to crop failures in drought hit areas (farmer suicides), raiding of farmer's crops by elephants who have no other source to fulfil their ~~co~~ food, are the obvious consequences of mis handling of scientific advancements by humans.~~

Thus, Science is a double-edged sword. It can be a liberator to humanity and also imprison us in the Cobweb of distortions that is our very own creation. The way forward from here is to embrace the "Science of Humanity" that strives to use knowledge ~~to~~ benefit to better the existence of fellow living beings on earth. It should be an enabler not debilitating. It should empower not deprive. When this vision of science is embraced, it surely becomes a "gift of humanity".

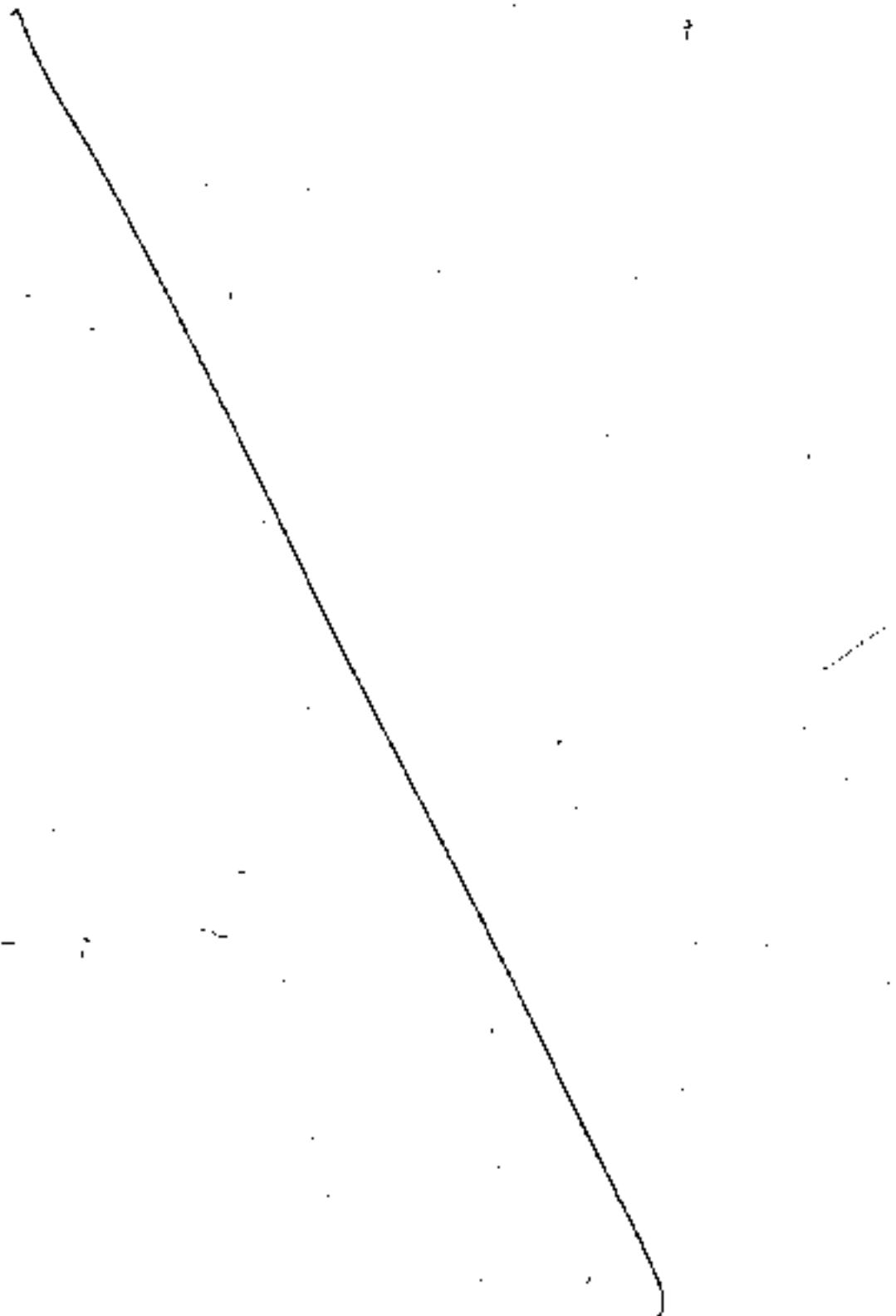
Remarks

(6)

Science or it is not bad
it is the human who use it
for human purpose



- Climate should be used to make lives better.
- technology which create problems for humans and who needs an employment may be discouraged.
- Association says that I.R.L.O will create 54 types of new jobs.
- Mine should help us in solve
 - clean drinking water problem
 - food security
 - cleaning the rivers
 - health care



Remarks

SECTION - B

1. "SITUATIONS DON'T MAKE OR BREAK US; OUR CHOICES & DECISIONS DO"

David : "Why don't you kill him?"

Commander : "He is too big to hit."

David : "No, He is too big to miss."

And then David took aim at the nine feet tall giant Goliath with a sling shot.

The beast fell on the ground and then David beheaded him with the former's own sword. This is an except

from the biblical story of David & Goliath. The Israelites

were fighting for the control of their holy sites were routed by the giant Goliath. Afraid, they ran here & there. No one dared to stand up to this beast. The

prospect of defeat stared them in the face. But a little

boy showed courage & chose to fight an unlikely enemy

& he won.

good introduction

The situations we face in life can evoke several responses. Either we can weep over the ill fate got destined us to suffer or stand up to every adversity bravely. Either we can choose to

Remarks

indulge in self pity or try to find out a way out of the bad situations that befall us.

Babur, the founder of "the great mughal empire" was pushed out of his kingdom in Farghana by Uzbeks. He wandered across central Asia & west of Kabul, trying to win a principality to rule & become a king again. But he won, lost & the cycle continued to repeat. In 1509, Uzbeks deployed Tulughma & Rummis techniques in war against Babur. He lost them met with a humiliating defeat. He could have lost hope, hung his boots. But he decided to master these techniques. In 1526, the 'first battle of Panipat', these techniques helped him win against the numerically superior forces of Ibrahim Lodi. The man who was till now a victim of bad fate emerged as the founder of the great empire that ruled India for more than 200 years.

A similar situation confronted Mahatma Gandhi when he was thrown out from a first class train carriage at the Pietermaritzburg railway station in South Africa. He could have left

South Africa & to escape daily humiliation & racial discrimination he had to face there. But in this seemingly bad situation, he decided to fight back not only for his own rights but also for his fellow countrymen living in South Africa.

He organised satyagrahas against ban on immigration, compulsion to carry registration certificates and invalidation of marriages not solemnized according to Christian practices. His efforts won some freedom to Indians in Africa. Back home, he made sure that

Independence movement transformed from politics of elite classes to that led by masses. He mastered

and good ^{good} ^{his art response} A humiliating situation faced by him "made him ^{the father}" of this nation, India. ^{Gandhi}

so, bad situations can sometimes invoke the best in our character & set an example for others. We all know Iron Man, a superhero in the marvel cinematic universe. The actor essaying this role is Robert Downey Jr. He was once a

Remarks

~~drug addict. He spent several years in prison & was beaten to his apparent death by fellow inmates. His wife left him & so his children. He was also financially broke. What can be a worse situation?~~

~~But this man paused and thought where am I going with my life. He then took control, went to rehab centre & recovered. Now, he is the highest paid actor in the whole world. Recently when his alter ego, the Iron man died in "The Endgame", the world wept. A man who had almost lost to bad situations, endeared himself to people across the world by ~~cheerfully~~ chasing to reform & do best what he does - acting.~~

~~Not only actors, sports person too make tough decisions, that eventually make them the stars they are. At 7 years of age, Lionel Messi was fond of football. He wanted to become a professional player. But, he was told "You are too small to play". His hopes were dashed when doctors told him that he would grow no further than 4 feet (1 inch). What could be a more devastating prospect to a child whose dream dies such a death?~~

Remarks

Vasant

M/N

But Leo didn't lose hope. Impressed by talent, a local club decided to sponsor his expenses on growth treatment. He started injecting himself with growth hormones, one on each leg everyday. He did for seven years. And the rest is history.

Michael Phelps, the swimmer with maximum gold medal ~~was~~ in Olympics has a similar story. He wanted to swim but was afraid of putting his head under water. So he chose to swim on his back. The backstroke was the first that he mastered and went on to perfect every move. His choice to ~~not~~ give up in face of adversity made him the greatest swimmer of all times.

While choices help to make through stormy waters in life they also lead to liberation of nations! Garibaldi was living in exile after his ~~defeat~~ failed effort in revolution of 1848, to unify Italy & liberate it from clutches of Austria.

His situation was really hopeless. Alone with symbolic

Remarks

Wishes

following of few comrades, he could have given up on all hopes of seeing Italy United, in his life time. But he decided to gather a force to take on Austrians. "The march of the thousand" that he undertook with his ^{thousand} novice ~~thrust~~ soldiers culminated in his victory over ~~tombolini~~ Sicily and Naples. He assumed kingship only to abdicate and hand over reigns to Victor Emmanuel, the King of newly unified Italy. Faced with a hard situation, Garibaldi's choice of heroic action made him a popular hero in Italian folklores.

While brave decisions can immortalise one as a hero, bad decisions can also lead to vilification of people's character. In 1939, Germany was a great power. It was over the losses of World War-I and had broken all restrictions placed on it by the Versailles Treaty. Instead of enjoying this prosperity and further march on path of progress, Hitler, the German Chancellor chose to wage a war that soon proved a catastrophe for the whole world.

Remarks

Chile
which way

Millions of lives, property worth billions and an entire generation was lost in this second total war, All because of one man's choice of aspiring to rule the world and make his nation, the greatest power by destroying all others. It's because of this decision that Hitler is the most hated man of all times. He is remembered for the ruthless slaughter of millions of Jews in gas chambers. But what was his final solution? (It suicide) as the Red army swept Germany & reached his secret bunker. His decisions broke not only him but half the humanity.

Similarly Prithvi Raj Chauhan's decision to let Mohammad Ghori escape after latter's defeat in first battle of Tarain in 1191 struck death knell for his kingdom. Ghori came back more prepared & executed Prithviraj. He chose to celebrate his victory instead of eliminating the threat and this proved disastrous for him & his people.

every king
is a lie

Remarks

Battles & war aside, an individual's choice of not giving up despite difficulties has in past saved humanity from extinction. Noah was foretold about the great deluge on earth. But God did not give him the ship to sail safe through the catastrophe that God wreaked to end the "sinful humans" of earth. He decided to make the big ship & continued for almost 100 years. He also took several plants and animals of each kind ^{on his ship} so that the newly created world after the deluge had a variety of beautiful living beings. A bad situation did not frighten him. He not only saved his family but other flora & fauna as well.

While floods destroy lives & property, there also incidents in life that flood people with misery, hopelessness and suicidal thoughts. Oprah Winfrey was one such individual. As if being poor and black woman in Africa was not enough, she also had the misfortune of being raped in teenage. What could be more pitiable situation for a woman? But Winfrey decided to not be a victim of her circumstances. She attended to her studies and with great determination

Remarks

from me to you, try //

defeated by fate, she struggled, completed her education & did Radio broadcasting assignments. With each passing year, she mastered her art of oratory and interpersonal skills and today she is The Oprah Winfrey, a phenomenon in herself. So situations may be bad if one has the grit and determination to take tough decision, they can surely turn situations around to their favour.

Subhash Chandra Bose, our netaji fell on really bad days. He was ~~suspended~~^{expelled} from Congress for four years & was living under house arrest. The revolutionary within him wanted to do something to liberate the mother land from British rule. But his situation was not allowing him. The break out of Second world war seemed the right opportunity to seek Axis power's help to drive British out of India, he decided to seize this opportunity. His escape from Calcutta under disguise & subsequently leading the Indian national Army on the conquest of Andaman &

Remarks

Though the actions were good, he can't supported in the moment India lost, it's a right or win

Nicobar is the finest episodes in history of Indian freedom struggle.

Theodore Roosevelt rightly said,

"Nearly all men can stand adversity, if you want to test a man's character, give him power". Situations can be good or bad, but what we do amidst these is the real test of our character. We may emerge a winner out of bad situation like Babur or become the butcher of humanity like Hitler ^{while} in good position. It's not the nature of the situation but man's response that decides destiny.

In the 21st Century, we have a world full of opportunities & challenges. How we counter these challenges of poverty, inequality, illiteracy, disease, ignorance, refugee crisis, climate change, hunger, civil wars in several countries shall decide whether we live on to tell our story.

of conquering the challenges or get extinct due to failures.

To conclude, Bob Dylan's words;

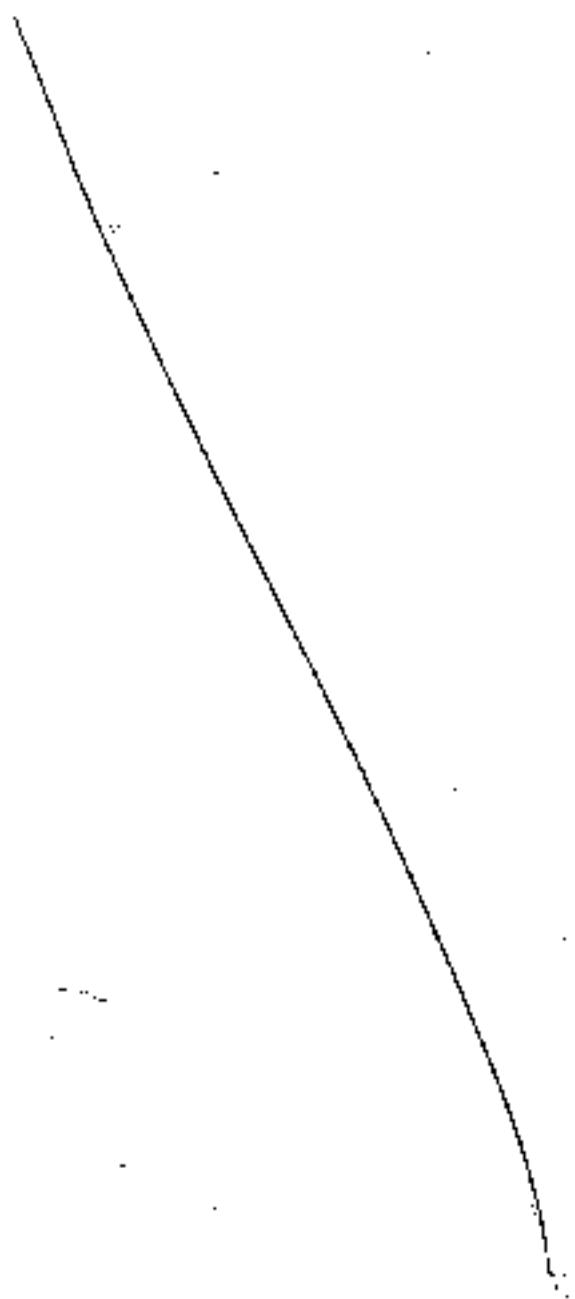
"The times, they are changing" are guiding light to humanity and its response to these changing times, the new situations shall seal the fate of humanity.

QD of

- Good Content
- appropriate Examples
- continuity with maintenance

- life is full of choices
- choices shape up our life
- everybody has total control over what we think, what we say and what we do.
- if something goes wrong, don't feel bad stay time, move on - we will succeed.
- trust yourself and make decision / choice

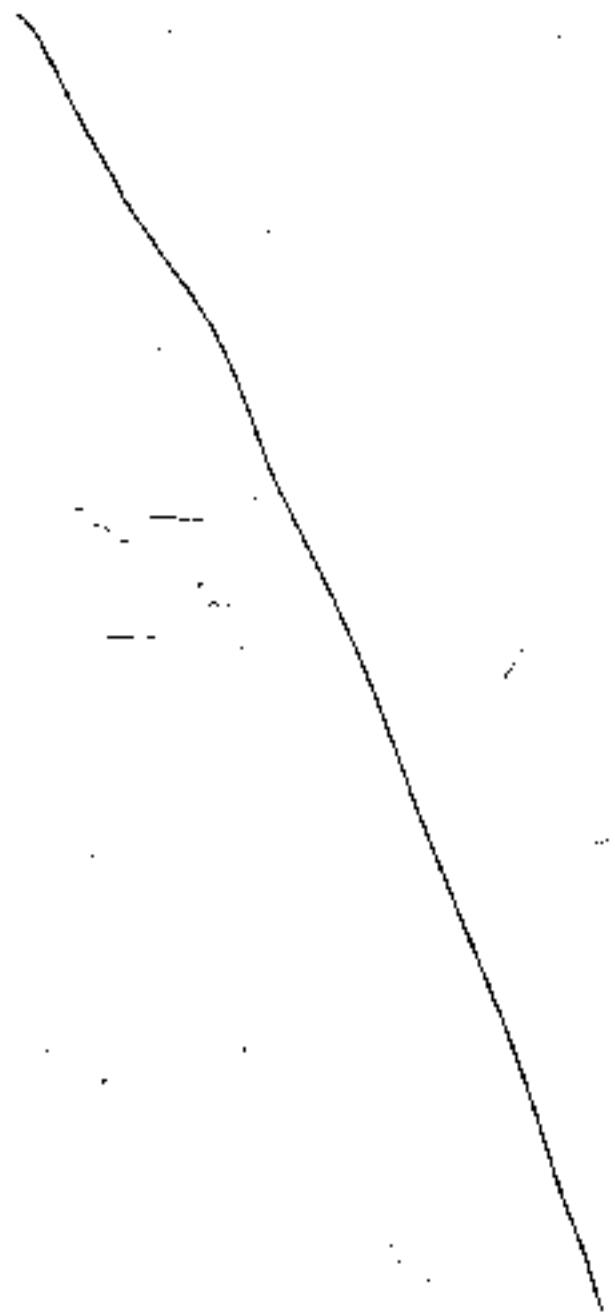
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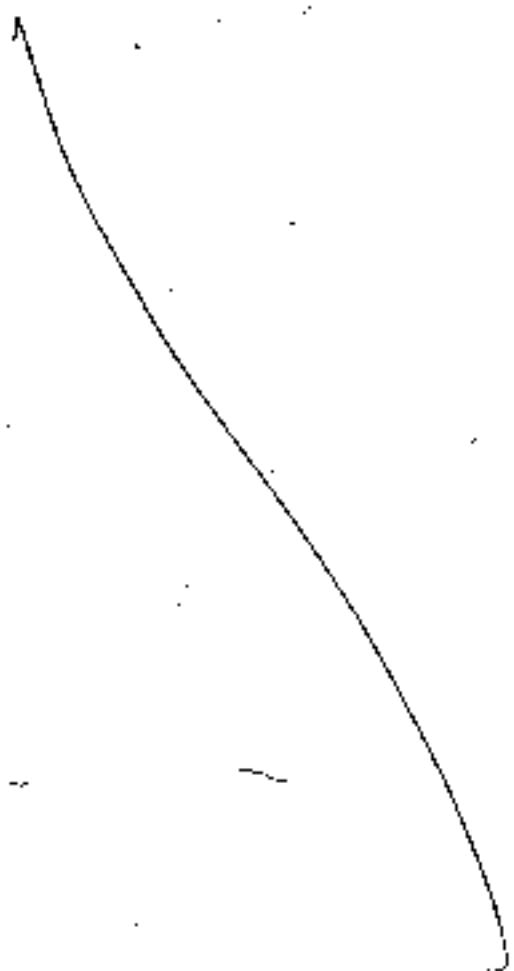
Remarks

GS SCORE

Remarks



Remarks



Remarks

Remarks

~~David & Goliath~~ ①~~Koratchi~~ ②~~Himayur~~ ③ She shot 4 razed Sutan Singh~~Gairibachi~~ ④~~Subhash Chandra Bose~~ ⑤~~Sprak wiffley~~ ⑥~~Lionel Messi~~ ⑦ sports

8

~~Babur~~ ⑧

end

~~Akshina Shukla~~

Geography man evolution
 bad → weak

food
health

13

14

15

16

17

18

19

20

final~~Sarah~~ ⑨

land territory owned
 modern go go go

World History ⑩

Grishabhali's
 animals like
 rhinoceros

unrest

Robert Downey Jr

big attack

from many
 highest paid star

The world wept
 when his character

iron Stark died

iron man died

while killing the
 villain Thanos!

"now all men can stand admiring~
 if you want to test a man

is character give him paper"

- good or bad, powerful or helpless
 it is the character of the person

that will decide whether he
 disappears in the sand or finds a
 new ordinary life on man's memory

as ordinary lives on man's memory
 just as Grandpa, Nani, Grandmother
 would think the small
 boy did!