

Roll No. BETS 201607

## ESSAY

Time Allowed: 3 hrs.

Max. Marks: 250

### Instructions to Candidate

- Both sections are compulsory.
- Attempt an 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).*

### Remarks

Name Suman Souvik Mohanty

Mobile No. \_\_\_\_\_

Date 5/11/16

Signature [Signature]

1. Invigilator Signature \_\_\_\_\_

2. Invigilator Signature \_\_\_\_\_

**SECTION - A**

1. Success is not the key to happiness; happiness is the key to success.
2. The starting point for all achievement is desire
3. Quality is pride of workmanship.
4. If you know the enemy and know yourself you need not fear the result of a hundred battles.

**SECTION - B**

1. The illiterate of the future will not be the person who cannot read. It will be the person what does not know how to learn.
2. Wealth is the ability to fully experience life.
3. Men have become the tools of their tools.
4. Since we cannot change reality, let us change the eyes which see reality.

Remarks

If you the enemy and know  
yourself you need not fear the  
result of a hundred battles

The strongest people are not those who  
show strength in front of us, but those  
who win battles we know nothing about.  
Life is a series of battles. Human being  
from cradle to grave faces a struggle  
for survival at every moment. However God  
has facilitated us with enough qualities  
both external and internal so as to win  
every battle at every juncture. We just  
have to find them. As Jain philosophy  
says right faith leads to right knowledge  
and then to right action. There was once a  
king who wished to conquer the world. He  
fought one of the most ferocious battles and  
won. But then he felt he would have better  
lost and his mind did not feel like winning.  
He thought that the battle of life is the hardest  
to win and the journey is a series of battles

Remarks

to be won with determination, courage, love, compassion and empathy. As a result he became one of the greatest pacifist leaders the world has ever known i.e. Ashoka!

Similarly a young person was pushed from a train in spite of a valid ticket. Ashamed and indignant he promised that the battle of his life would be winning the hundreds of small battles against racism, casteism, cruelty, violence. He channelled his inner strength and resolve to spread the knowledge of peace and humanity. With not a single act of physical action he made sure the mightiest empires <sup>ever</sup> had to give us Independence. The name Mohandas Karamchand Gandhi.

The way nature & life teaches us to win battles.

As illustrated previously god has given us enough nudges in external and internal environment for us to learn how

to win any battle on earth. First our mothers, have we thought how many virtues and qualities we can learn from her. Selflessly pursuing a goal of giving birth in spite of the pain, equity among children, protecting us from any pain and grief at the cost of her life are all examples we can emulate. Second nature can also give us many values for survival. Nature has many enemies most notably man but she carries on her work tirelessly and with equity. If we throw a stone at a tree she rewards us with fruit. The ganges flows mercifully washing away the filth we put in her. So we must learn the strength from nature so as to prepare us from for the battles ahead. Finally we must practice moral resonance, which means our internal values & morals must remain steadfast ~~too~~ irrespective of the circumstances. We might face numerous challenges but our values such as integrity, honesty, selflessness, empathy, probity, must never be

Remarks

disturbed.

How to win various battles inspite of a very powerful enemy

We have read the story of David vs Goliath. How David felled Goliath with a catapult. In Bhagavad Gita Krishna tells Arjun the doctrine of Nishikama Karma i.e. doing duty without any anticipation of return or benefits for the sake of society. The same doctrine extrapolated stands that any attempt which includes ~~for~~ excellence of the effort & is for benefit of society does not go waste. It leads to a state of sat-chit-ananda or spiritual excellence & self actualisation. So we must channelise our internal energies in pursuit of larger goal of societal welfare and we would win any battles of life, however strong the enemy. Let us start by poverty. World Bank estimates 1 Billion out of 7 Billion people are in poverty in the world.

Remarks

400 million or the largest number of poor people live in our country. How do we fight such a battle. The answer is simple, we need to find inspiration from our constitution which is a living document. We must encourage paying taxes and equitable sharing of resources. We must not waste our ~~so~~ money on conspicuous consumption. As Gandhi ji said the concept of the world has enough for our need, but not for our greed. We must follow our fundamental duties and ensure an equitable society. Secondly women & children are the most vulnerable in the society. The battle against female infanticide, child labour, gender injustice & child rights is the toughest in the world. World gender gap report & development indicators ~~we~~ are very poor for our country. 18 million people, including majority of women and children are in slavery in our country. We have topped the charts in global slavery index sharing pole position with North Korea. We must fight our battle against such ~~so~~ ills by invoking our

Remarks

history, culture and community spirit. We must ~~go on~~ remember Rani Lakshmi Bai, Raziya Sultana, Rani Radikanya and pledge to remove gender injustices wherever possible. We must not buy goods from a place wherever a child below 14 is employed. We must inform authorities when we see such occurrence.

Third biggest battle we face is that against corruption. Transparency international has given us a ~~red~~ ~~card~~ ~~label~~ ~~to~~ ~~sub~~ ~~saharan~~ ~~countries~~ ~~against~~ ~~in~~ ~~corruption~~. It is a menace which has permeated our society across all sectors. We must fight this battle by invoking our values of integrity, honesty and probity. We must not pay a rupee more to get ahead in the queue. We must ostracize and punish corruption whichever form we get. Fourth biggest battle is against hunger & malnutrition. Recently released ~~to~~ malnutrition index puts our country in a very alarming state. More than 40% of our children are stunted and suffering from malnutrition. More than 50

Remarks



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% of women around 18 years are married off and they are anaemic. Healthcare costs are rising by the day. 80% of healthcare costs are out of pocket expenditure ~~with~~ pushing 38 million into poverty every year. Noncommunicable diseases are rising due to unhealthy lifestyle. We need to fight this battle using our ancient methods of maintaining balance in our lifestyles. We are the yoga capital of the world. Sustainable lifestyles, sanitation & drinking water are imperatives of good health. Biofortified food, using community networks of anganwadi workers is the way to win over the battle of hunger and malnutrition. Before wasting food we must think about the hungry person on the street.

Fourth biggest battles is against an ineffective bureaucracy & accountability from the government. Political & Economic Weekly has rated Indian bureaucracy as the worst in Asia. Rising corruption, ineffective public service delivery, & bureaucratic apathy

of bureaucracy are the toughest battles on earth and especially in India. The strengths are the tools of governance. Social audit, RTI, Citizen charter, Right to public service delivery acts are tools which we must be aware for ensuring accountability. People participation & capability enhancement in battle against bureaucracy is a must. We cannot remain indifferent anymore.

Fifth, battle against environmental degradation is also a very tough battle. Lately, we are experiencing very high pollution levels in Delhi because of our Diwali celebrations. Recently, signed Paris deal speaks of sustainable lifestyles & technology. Our cities are getting choked with landfills & waste, our sewage is flowing to rivers; soils are getting saline due to excessive use of fertilizers, earth is getting warmer due to excessive greenhouse gases. We must fight together by adopting a sustainable lifestyle. The old adage waste

Remarks

not want not is specifically true in this context  
 let us each contribute in our small way to  
 conserve the environment. This battle should  
 definitely be won or the ~~con~~ reality of  
 human's world become virtual.

Sixth, globalisation has its  
 own benefits but is also threatening to  
 become a big battle. Corporates are turning  
 to crony capitalism to further their interests  
 inequality and exclusive growth are on  
 the rise. Every global table bet it WTO,  
 UN, IMF, World Bank, Climate deals ~~are~~ is  
 divided into have's & have nots i.e such  
 as poor countries. Seed companies, pharma  
 companies, even telecom companies have held  
 as hostage in name of higher prices for  
 their products and violation of net  
 neutrality respectively. The world is split  
 into multilateral groupings such as BRICS,  
 IBSA, SCO, G8, G7, G77, G20, G4, each  
 scrambling for a piece of the pie of global  
 domination. The solution to the problem

Remarks

lies within us. As Gandhi ji said it is upto me whether i am swept away by the air coming from outside or stand still in its presence & enjoy it. We need to apply constitutional fundamentals such as liberty, equality, fraternity & partnerships to win this battle. Let us assemble as global commons and seek solidarity for betterment of everyone.

& finally  
 Scientific battle against violence in various forms such as terrorism, regionalism, sectarianism, communalism is the biggest battle of all. Any global war would cause annihilation of the entire world. No part of the world is free from violence in any one of these forms. So we definitely need a partnership of peace, surveillance and community harmony to overcome this battle. Let us join forces to nurse the wounds where it hurts the most. Let us spread love, warmth and forgiveness. Let us be vigilant about any wrongdoings and report it before things go out of hand. The example of

Remarks

community brotherhood & in brussels after last year deadly attack is a very good example. We must unitedly fight this battle with our values, ~~values~~ morals & ethics.

The world is a battlefield and our life is a never ending battle. Every battle is important even if we lose or win. It is said failure introduces the world to you and success makes you introduced to the world. So what matters in every battle is the learning we take. We see students committing suicide due to failures. We see athletes quitting after ~~some~~ a series of defeats. The reason is ego. The ego grabs but the self releases. We must take out ego, selfishness, feeling of conquering in our battles. To quote Krishna again he says the fruits of victory divert the mind from the toils of war. We have to remember the journey of life is the biggest

Remarks

battle and we have to be prepared for it every moment. The ~~the~~ best way our mind can be channelised for ~~the~~ winning every battle is to follow gandhiji's talisman of keeping the face of the poorest person in front of our eyes before every action. Indeed all battles would be won and we would achieve supreme bliss!

Remarks

Men have become tools of their tools

These immortal words said by Henry Thoreau, bring to the fore the reality which is striking mankind. The very act of creating a means to an end has become an end in itself. All around us we are exposed to the dangers of the tools which we had created harming us to the extent of dehumanising humanity. Our touch with the real world is diminishing. Slowly our ability to think, reason, behave would come to be dominated by the tools we have created. ~~And~~ Klaus Schwab, the founder of world economic forum has cautioned us about the dangers of fourth industrial revolution. It means the straddling of our physical, biological and digital world. Machines would behave like men, men would be worse than machine. Big data.

Remarks

is threatening to digitally overpower us in terms of velocity, variety & volume. A day is not far off when we go for a ~~burger~~ <sup>paracetamol</sup> and the counter person ~~as~~ says it is not good as the medical profile of the individual deciphered from credit card says so. So, tools devised by humans would impact us in every manner and do more harm than good. Do we really need tools of such sophistication? If yes, how do we control them from ~~do~~ proving to be a frankenstein monster? These answers we need to find out before we go ~~on~~ forward to self-made-apocalypse.

Why do we need tools?

Innovation has been the hallmark of mankind. Ever since the ~~potter's~~ wheel became the first invention, Man has continuously.



devised tools for his benefit. The first ~~and~~ industrial revolution brought in much needed volume of products for global trade and making millions go free of servitude from feudalism.

The second industrial revolution brought even more better modes of production and items such as duds, washing machine, television, cars which could relieve us from drudgery and put our ~~to~~ capacities to better use.

The third revolution was the computerisation and digitisation of the world.

However the innovation and ~~big~~ invention of the first two were different from the third. While the first two were towards environment sustainability.

Targeted the society as a whole, the products of the third and fourth industrial revolution are likely to be in favour.

of the rich and powerful. ~~The~~ Thus, the lack of ethical content of inclusivity in production of tools would make us ~~more~~ mere tools in the hands of tools. It's no secret that tools have made our life free from drudgery, work which could have been avoided. However, the access, & adequacy have been limited to the rich. This needs change.

How we have become tools of tool

Let us start by computers. While they have transformed our lives by impacting almost every action of ours, they have created harm also. Children are accessing social media and getting ~~for~~ accustomed to violence, their natural imagination and creativity is getting hampered. The dehumanisation <sup>is</sup> accompanied by online radicalisation by ISIS and other organisations. Pornography is the largest money spinner and driving

Remarks

millions into the dark world of flesh trade, online gambling, piracy, cyber harrling, bitcoins are threatening to national security and finances. This man has been reduced to a tool by the tool he had created.

Second smoking and alcohol are two ~~more~~ tools of pleasure which he had ~~committed~~ created with drugs. Slowly they are threatening the <sup>possibility of</sup> annihilation of the youth. Recently UNODC has estimated 40% of youth in Punjab who are literate have taken to drugs. Alcohol use has devastated many a families in very poor socio economic situation. Cigarette smoking leads to ~~the~~ death of one million people in India annually. Definitely these tools are going to hurt humanity persistently.

<sup>Other weapons</sup> Guns were developed for self protection and <sup>as</sup> an act of extreme necessity. Now it is fashionable to have a gun and use it at slight

Remarks

The recent shooting of a school kid by a politician in Bihar for overtaking his vehicle, the continuous shootings in toll plazas, & gun shootings in USA has shown to man the perils of the tool. This tool would one day threaten his existence was never envisaged.

Cars and other vehicles were designed for convenience. As man's capacity to acquire wealth grew the numbers of cars from high end luxurious to low end Nano have engulfed the market. Result pollution and highest number of road accidents. In India 1,40,000 people die every year but we go on having law laws and standards. This tool causes pollution and our cities stand's clothed. Yet we refuse to go for mass transport. The tool has definitely made man a tool.

& luxury Food was an item of necessity to primitive man. Slowly as

agriculture progressed and capacity to ~~buy~~ purchase also grew. Slowly natural foods were replaced by processed food. The result more than half of teenagers in India are obese. Diabetes is affecting 60 mn people and teenagers. We are guzzling colas more than water. This tool has made us physically weaker.

Medicines ~~was~~ <sup>are</sup> the lifeline of humanity. Penicillin and subsequent discoveries have made the lifespan of human's grow leaps and bounds. But indiscriminate use of medicine has created superbugs. ~~Study~~ It is estimated that by 2050 more than 100 trillion and 60 mn deaths would be due to anti ~~micro~~ microbicidal resistance. Definitely this tool has made ~~us~~ our lives precarious.

cherished ~~corruption~~ Money was a tool of man. ~~most~~ Since ancient times man has desired for more money thereby

Remarks

prosperity. However, this money has been leading to corruption, black money evasion of taxes. Estimates show cost of corruption equals 5% of global GDP with US \$ 1 trillion paid as bribes each year. This tool is questioning our ethics.

Globalisation was the tool man envisaged as the tool for man to progress further than he had envisaged. However, globalisation has only increased distance between the have's & have not. Super corporates are holding the world to ransom by dictating price of agriculture, medicines, housing & food. ~~Be~~ Be it WTO, IMF, WB, UNFCCC, or the recent deal, the chasm between have's and have not's have increased. It has become more exclusive and inequitable. The top 10% of the population have access to 50% of wealth. More than

Remarks

one billion people are in abject poverty -  
 This tool has certainly made life much unfair.

Religion is a tool man developed for peace & self actualisation. Jesus, Sufi saints, Bhakti movements, Gurus nanaks, ~~has~~ have all enriched us through the ages. But it has slowly acquired the role of a cleaver in social relationship. Be it sectarian violence, religious chauvinism, terrorism, everything is justified in ~~name~~ name of religion. The killing of a man for eating beef, the death of a girl for fasting to fulfill a Jain ritual is justified in name of religion. This tool was never created for the purpose of social tension which man is using it currently. In fact with each ~~act~~ violence committed by man the use of man as a tool is further justified.

Remarks

Robots and artificial intelligence were created for the sake of making work easier for man. But now they have dehumanised ~~to~~ work and the skill levels of human's is fast diminishing. The worker of tomorrow who is unskilled has no chance of survival. Performance evaluation & appraisal were tools of human's to encourage ~~to~~ job enrichment. Excessive scrutiny & analysis of work, daily reviews have taken the life out of work. We have become cogs in the wheel just as anti-Taylorist's had predicted. The same focus on dehumanisation of work place is threatening us as it did during frederick Taylor's time in first industrial revolution. Now it is digital Taylorism. These tools ~~of~~ have dehumanised us to the level of machines.

Remarks



## The way forward

So should we stop evolving & innovating? Should we stagnate and not achieve technological progress. The answer is no. The sustenance of human civilisation depends on innovation. But the differences what, where, how? The answer is in Gandhiji's talisman i.e. whatever you do, you must keep in mind the poorest person and it should be beneficial to him. Hindu philosophy teaches us. Sarva jana hita iye sarva jana sulha iye. (Prosperity for everyone, ~~for~~ happiness for all). So the what of innovation, its tools should be tools for masses with least damage to environment. Zero defect & zero effect as told by our PM. The where of innovation ~~is~~ <sup>is tool</sup> should be for the developing countries, where maximum poor people reside

Remarks

The how should be innovation <sup>with</sup> tools with ethics and morality, for greatest good and greatest number. Any such innovation <sup>or tool</sup> would be sustainable and beneficial. It would be a tool for inclusive and equitable progress, and whose control would always be in hands of the ethical man!

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globalisation  
assumptions  
How to prevent way out  
conclusion

Remarks

New have become tools of their tools

Manual - tools → <sup>why</sup> → <sup>means</sup> → ends  
 How it helped him → robotics → fourth  
 Home he has become tool tools → <sup>indist</sup> <sup>revolution</sup>  
 computers → → social media → videogames  
 → wasting time  
 → pornography  
 → online piracy  
 → dehumanisation  
 guns arms → → VS A gun culture  
 proliferation  
 cars vehicles → pollution road accidents  
 environment television →  
 obesity →  
 environment pollution  
 day offs - automation  
 an incurable diseases  
 sustainable agriculture  
~~pragmatic~~  
 media abuse →  
 tribal local industry → → poisonous etc.  
 drug → → comfortable  
 drug abuse →  
 nuclear waste  
 weapons of mass destruction

Remarks

know enemy. know oneself.

nature → →

battles we choose how to win.

<del>bureaucracy</del>	diplomacy	climate change
<del>women</del>	agriculture	<del>water ethics</del>
<del>politics</del>	<del>healthcare</del>	<del>constitution</del>
army	<del>poverty</del>	<del>constitutionalism</del>
<del>globalisation</del>	<del>matrimony</del>	<del>good governance</del>
<del>corruption</del>	violence	<del>corruption</del>

why do we lose battles

way forward...

