

Essay Mock Test - 2

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Section - A

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To BE BEAUTIFUL, LIFE DOESNT REQUIRE TO BE BIG

The year is 323 BC & the location is Babylon in Mesopotamia.

There lies a powerful man on his deathbed. Realising his end is near he makes 3 wishes out of which 2 are important

for us.

His 1st wish was "that" path towards his grave should be covered with gold & silver coins".

His 2nd wish was that "his both the hands should be kept hanging out of his coffin".

This man was none other than "Alexander the Great".

When asked about ^{the} reason behind his wishes; he said that he wanted to tell the world that - ~~not~~ running behind material possession is a waste of time & everyone has come on this earth empty hand & will return from the earth empty hand.

Very good
Introduction

The above incident shows that even the most powerful person of his time & one of the greatest conquerors of all time realised that making it big by running after wealth, power isn't what makes life beautiful & fulfilling.

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So then question arises that what makes the life beautiful?
& Does a big life also always result into a beautiful life or are there other pre-requisites too?

We will analyze the above questions in this essay.

Million Dollar Question: what is a Beautiful life?

Different people have different definitions of what constitutes a beautiful life. For some it may be becoming richest person in the world & for others it might be about acquiring power, social status in society, fame etc.

For some it might be helping others & securing society & downtrodden like Mother Teresa is that makes the life beautiful and happy also.

Thus, whether a person's life is beautiful or not depends on whether he or she is content with his or her life. As ^{excellent}

when a person's ~~is satisfied~~ physical, mental, emotional & psychological needs are fulfilled then he becomes content, satisfied & happy.

This happiness with your state of being is what makes the life beautiful.

What is a "BIG LIFE"?

Like what constitutes a beautiful life is subjective to each individual; what constitutes a big life is also subjective to each individual.

Big Life for a person depends on his desires, ~~fantasies~~ ^{fantasies} & goals which he wants to achieve. Thus for a money minded person becoming rich & living a luxurious life might constitute a big life.

For a budding politician becoming PM might be living a big life & for an ^{child} social activist ~~becoming~~ forming an ~~organization~~ ^{organization} like Kailash Satyarthi & winning a nobel might be a big life.

good reasoning
ambitions

Scale of big life also varies from person to person. For some becoming successful at village level & joining government job might be a "Big Life" & for other like Elon Musk colonisation of mars ~~may~~ might be a "Big Life". Thus it is our aspirations which determine what a "Big life" really is.

IS "BIG LIFE ROAD TO A REACH A BEAUTIFUL LIFE"?

Big life is in some cases lead to a beautiful life & in some cases it doesn't lead to a beautiful life. Like Bill Gates.

Good
the 2nd richest man when asked whether he was happy with his life, he said answered in positive as he chose to not because of his wealth but because of the way he ^{accumulation} chose to use his wealth through Bill & Melinda Gates foundation for betterment of world.

Whereas on the other hand world's richest man Jeff Bezos was sad as he had to go through a painful divorce. Thus a big life may provide all the material comfort, status, respect & fame but it doesn't guarantee peace of mind &

happiness. Like in case of recent suicide by V S Siddharta (founder of Cafe Coffee Day) who ended his life on a sad note.

This shows that with big life comes bigger tension stress & a person starts becoming prisoner of his own successful & self image.

So whenever something adverse happens their self pride & ego takes beating resulting in emotional pain & sadness.

This can be seen from life of investment banker who earn hefty amount of money but due to stressful worklife they aren't able to live a healthy & happy life. So it is often seen that they burn out in their forties & retire to follow

their passion. Thus, instead of big life as find beauty of life in following their passion, spending time with family etc ✓

Most of the people and especially youth idolize filmstars, popstars thinking that these people are living a big & beautiful life. They equate fame, money with happiness.

which might not always be true. For eg) Michael Jackson one of the most famous musicians & pop-icon died because of overdose of Anti-depressants.

Thus he, was a "BIG WORLDWIDE ICON" in public life but was a lonely, sad depressed soul in his private life.

Even WHO's surveys show that elites & upper class are more prone to depression & other mental diseases.

Myth of Big life being considered as a beautiful life can also be seen at the level of Nations. In a big & powerful country like USA, there are frequent incidences of mass shooting as some unhappy, depressed & mentally ill people have access to guns. Whereas a small country like Finland, topped the Global Happiness Index 2019.

Even great people like Gandhi & Buddha who lived 'Big life' & made a world a better place didn't live a beautiful personal

life. Buddha gave world path to salvation but he himself had to abandon his wife, son & his entire kingdom. (So big life often comes at a cost) & involves lot of sacrifices which a normal people might not be willing to ~~pay~~ ^{make}. Thus question arises: Can a ordinary life be a beautiful life?

Is it life at some cost?

If not, Big than can ~~small~~ ordinary be the Answer?

There are many ordinary lives who are happy & content with their lives. From small children an infant sleeping carefree on her mother's lap to children running around in parks.

From youth experiencing his 1st love to birth of a newborn for a couple. From seeing your children growing up to becoming grandparents.

There are multiple "small" events ^{which might be small} for rest of the world but are significant ^{for actors in this situation} which makes their life beautiful.

Many psychologists say that "Poverty is a state of mind"

that poor is a person who considers himself to be a poor. For eg. Tribals in jungle might be poor ~~but not~~ from perspective of society but they don't consider themselves to be poor. They might be living a happy & content life.

Tribals lead a happy life

whereas, an ^{upper} ~~middle~~ class ^{person} might be sad & dissatisfied because he

~~considers~~ considers himself poorer in comparison to his neighbours.
Thus even a relatively poorer tribal in monetary terms might be happier than an upper class person.

Thus a person who is spending time with his family, friends & earning decent might be ~~more~~ living a more beautiful life than a big person living a stressful isolated life or a poor person who doesn't have sufficient money to live a decent life. Eg) In odisha man carrying dead body of his wife on his head.

Thus if neither "big or small life" than what really makes the life beautiful.

Magic Sauce for living A Beautiful Life

To live a beautiful life first pre-condition is fulfillment of minimum basic needs such as physical, emotional, psychological needs.

Thus a person needs to have a decent minimum amount of income to fulfill his physical needs such as food, housing, clothes etc.

Then person should be having a happy & peaceful family life & good friend circle to fulfill his emotional needs.

Thirdly, he should be enjoying his work, having a hobby to fulfill his psychological needs. or helping others

very good

Apart from this, it is rightly said that "Life is 10% what happens to us & 90% how we react to it". Thus ^{our} attitude

^{in what} makes our life beautiful. Life is not a bed of roses & everyone is bound to face problems during life. Thus our attitude is what ~~makes~~ allows us to tackle these challenges. A person with positive attitude will always remain happy & see challenges in his life as an opportunity.

CONCLUSION: PARTING WORDS

Thus living life on your terms & with a clear conscience is what leads to contentment & this contentment leads to happiness which is the source of a beautiful life.

For some this contentment might be out of a 'big life' or others it might be out of an 'ordinary life' & for others it might be out of 'extra-ordinary lives' such as Buddha, Gandhi, Nelson Mandela who make others life beautiful big at the cost of their

own Personal life

Hence, we should focus on content & satisfied life rather than a big life as because as Alexander had said - "we have come empty handed & will leave the world empty". In the end we will just take happy memories of ^{our this} a journey called

"LIFE"

good levels of
conceptual
clarity.

content is good
in the good
examples.

we need to
try suggestions

right
approach

Section - B

Industry 4.0 is the biggest game changer of present & future

3

Charles Dickens in his classic novel "Tales of 2 cities" suggested that Industrial Revolution was responsible for colonialism.

According to him steam engines driven ships allowed Britain to quickly move its troops from Britain to her colonies to maintain law & order.

Thus 1st Industrial Revolution which was driven by steam not only changed economic sphere but also impacted the entire geopolitical landscape of the world.

According to experts, impact of Industrial Revolution 4.0 will ~~make~~ dwarf the impact of Industrial revolution 1.0 look like a dwarf.

In this essay we will look into what is Industry 4.0? & why it is considered to be the biggest ^{game} changer of our present & future.

Introduction did not address the key words of the essay

Industry 4.0: Definition & Evolution

Before looking into Industry 4.0 lets have a quick recap of all the Industrial Revolutions.

Industrial Revolution^{1.0} was driven by machines run from water & steam. Whereas Industry 2.0 used electricity for mass production & running of assembly lines. The present Industry 3.0 is controlled by computer & electronic circuits. This has led to automation of assembly line through the use of PLC (programmable Logic Controller).

So as we can see that with every new Industry from 1.0 to 3.0 degree of automation & dependence on technology has increased. Industrial Revolution 4.0 will further take it to another level by use of Internet of things,

Artificial Intelligence, big data, cloud computing etc. I.R. 3.0 brought India lot of service sector jobs.

World Economic Forum defines Industry 4.0 as Industry driven by technologies which fuse & bring digital, physical & biological worlds together.

Having defined Industry 4.0 lets look into why is it considered to be the biggest game changer.

Industry 4.0: The Universal Revolution

It is the biggest change as earlier Industrial revolutions transformed only physical sphere in form of economics, politics, society or they transformed digital sphere in form of internet etc.

However, Industry 4.0 will impact all the 3 spheres of human world i.e. physical, digital & biological. It will not only impact them but also fuse them for together for the first time.

Let us have a look into how Industry 4.0 will be the biggest gamechanger in our present & future time.

Bill Gates proposed "ROBOTIC TAX"

Impact on Economy

Internet of things, 3D printing, AI, Big data will completely automate the manufacturing process end to end.

For eg example Big data will provide act as raw material & information. Using this information, 3D printers will manufacture the product & sell.

factories will sell the product using cryptocurrency & this whole process will be coordinated by use of AI. Thus an end to end.

~~digital~~
~~connectivity~~
currency

automation of manufacturing without ^{any} human interference will take place;

In Agriculture sector, AI can help to determine exact moisture required for every different parts of the field & water can be automatically irrigated with the help of an internet of things driven irrigation system. Thus it has potential to transform our present flood irrigation system into a water efficient system. This will be of particular importance since according to NITI Aayog "we India is facing worst water crisis in its history"

I.R.U.O
in Agri.

Genome editing & genetic modification can create even higher yield variety seeds to meet our growing food requirements, ~~and~~ It will also help to increase income of farmers by increasing production & productivity per hectare.

genome editing

New age technology like blockchain, Cryptocurrency will revolutionize the financial & banking sector. Facebook realizing potential of Cryptocurrency has already launched "LIBRA". It is Facebook's cryptocurrency which aims to provide financial inclusion to 1 Billion people who are out of the banking network

SBI has adopted BLOCKCHAIN technology

Blockchain technology is important for Banks

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The Cryptocurrency like Bitcoin can change shift global monetary policy from hands of ~~glob~~ central banks into the hands of private players.

Impact on Political sphere

Just like previous revolution \rightarrow countries which will control technology & gain headstart in Industry 4.0 will become the global hegemonic power.

Thus China is investing lot in AI, 5G & other technology startups. Already this Industrial 4.0 race can be seen in form of USA's ban on Huawei as it is nervous that Huawei by setting up 5G network worldwide can undermine USA's domination in digital sphere.
 Technology is the I.N.4.0 and availability of man power will be less

USA's domination in digital sphere

Recently Sophia, a humanoid robot, became 1st robot to get citizenship of Saudi Arabia. This shows that in future with existence of smart humanoid robots citizenship rights may not only be limited to humans. Thus we might even have voting rights for robots & robots contesting elections in future.

Impact on social sphere

Industry 4.0 will also have a profound impact on

social sphere such as in the domain of healthcare like genome editing can provide better insights into our present understanding of cancer or stem cells have can be harnessed to form artificial organs.

Recently Indian Cardiologist performed world's 1st telerobotic

surgery from a distance of more than 30 kms. Thus robots

can be used for surgery & it can also help to make medical

facilities reach rural areas where shortage of doctors exist.

Another social domain i.e. Education & skills will also undergo transformation. It is said Industry 4.0 will

make the popular saying come true that "Illiterates of 21st

Century aren't those who can't read or write but those who cannot learn, unlearn & relearn".

Thus, completely new education focussing more on developing cognitive abilities & ~~pro~~ problem solving approach will be required instead of ~~present~~ today's rote-learning

approach. According to World Economic Forum, 54%

of India's workforce needs to be reskilled by 2022.

This shows the quantum of impact Industry 4.0 will have on skilling & education sector.

Impact on Environment

Industry 4.0 will make industries & agriculture more efficient & less polluting. Replacement of paper currency with digital currency will further reduce deforestation.

good point

Use of AI & big data & quantum computing will help in

creating "1 world 1 grid" where advanced predictive model will allow sharing of solar energy from ~~sun~~ solar rich countries like India to snowfilled regions of Siberia in Russia.

Thus it will give impetus to renewable energy which will help to achieve goal of limiting rise in temperature upto 1.5°C by the end of century.

excellent

Impact on ~~Less~~ Urbanization

Autonomous vehicles & metros will replace the present human driven vehicles. New modes of transportation will come up which will reduce the travel time from 1 city to another.

for example the proposed Hyperloop between Mumbai & Pune will reduce time from 3.5 hours to just 35 minutes.

Thus it will also impact migration pattern in cities.

Further data driven cities can help in better formulation of Urban policies like data can be used to

AI & ML in Transportation

locate hotspots of sexual harassment & crime. So spots can become areas of special focus for the police.

Further virtual & augmented realities can open ~~up~~ new forms of entertainment in our cities.

There will be smart buildings which will be controlled by personalised AI assistance ~~also~~ by using Internet of things technology. So just by ~~pressing~~ giving commands on our phones we will be able to switch on/off lights, fans or even open doors of our home.

But, the biggest impact of Industry 4.0 will be on humans themselves.

Impact on Human body

Industry 4.0 also aims to integrate biological system with cyber-physical systems. So this will lead to integration of humans & machines. This process has already started.

in Sweden, where people are getting a rice grain size

chip embedded ~~on~~ ^{inside} ~~in~~ their hands. This chip will allow

them to pay ~~without use~~ by just swiping their hands over the ~~barcode~~ POS machine. Thus it will replace ^{debit-cards} credit

cards. Also these chips will ~~be~~ also be able to monitor

health parameters of body & act as key to offices & households.

Thus this fusion of human & machine will revolutionize the whole of humanity.

Through technology used in Industry 4.0 we will be able to get direct information about our bodies & will be able to hack into our bodily system.

Some even say that it might lead to creation of superhumans & convert our species from two "Homo sapiens into Homosuperiorous".

Cyber-Physical Systems

However, Industry 4.0 can also have ~~negate~~ bring certain challenges along with itself.

Challenges of Industry 4.0

Industry 4.0 can lead to unemployment as humans will be replaced by automated intelligent machines.

Secondly, countries & people controlling technology will accumulate disproportionate amount of wealth as ~~was~~ was even in cases of previous industrial revolutions. Thus it will increase inequality.

Thirdly, it will require mass scale reskilling as mentioned in the World Economic Forum report as mentioned earlier in the essay.

ASD EHAM says that 54 types of new jobs will be created with I.R. 4.0.

When I.R. 4.0 can be used by all rich countries in the Technology is primary, and rich countries will become super rich. The poor remain poor and

Converting challenge to Opportunity

Recognizing the above challenges government has taken various steps to make India ready for Industry 4.0.

Government has launched National - Mission on Interdisciplinary

Cyber Physical systems to skill people & open startups in field of AI, blockchain, big data, internet of things.

Further 1st Atal Innovation Mission will help in increasing & enhancing innovation in country.

Government is also collaborating with International Agency such as World Economic Forum which has opened its

"Centre for 4th Industrial Revolution in India". ~~WILL~~ ~~Agency~~

~~has also collaborating~~

Thus reskilling ^{existing work force} & access to new skills & education for children can help India & rest of the world to get ready for extracting maximum benefit out of

Industry 4.0 so that an Inclusive, equitable & fair

global order can be created. As this will help in preventing colonialism & neo-liberalism which happened as a result of previous Industrial Revolutions & allow the entire human

civilization to take the "great leap forward" together with Industry 4.0.

very good content is good continuity not maintained

12 suggestions

Remarks.

1. - In both the content is very good.
2. Basic content is good.
3. But in both the essays paragraphing & integration of ideas/dimensions needed.
4. Other aspects ok.

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