

ESSAY-Test 4 निबन्ध-परिक्षा 4 CSE 2024

कार्यालय के प्रयोग हेतु
For Office Use

निर्धारित समय: तीन घंटे
Time Allowed: Three Hours

अधिकतम अंक: 250
Maximum Marks: 250

General Instructions

This question-cum-Answer (QCA) Booklet contains 32 pages. Question Paper in detachable form is available at the end of the QCA Booklet which can be taken away by the candidate after examination.

Two blank pages (Page Nos. 31-32) have been provided for rough work.

On receipt of the Booklet, please check that this QCA Booklet does not have any shortcomings, torn or missing pages, etc. If so, get it replaced with a fresh QCA Booklet.

सामान्य अनुदेश

इस प्रश्न-सह-उत्तर (क्यू० सी० ए०) पुस्तिका में 32 पृष्ठ हैं। प्रश्न-पत्र क्यू० सी० ए० पुस्तिका के अन्त में संलग्न है, जो अलग (वियोज्य) किया जा सकता है और उम्मीदवार परीक्षा के उपरांत अपने साथ ले जा सकते हैं।

रफ़ कार्य के लिए दो खाली पृष्ठ (पृष्ठ सं० 31-32) दिए गए हैं।

पुस्तिका प्राप्त होने पर, कृपया यह जाँच कर लें कि इस क्यू० सी० ए० पुस्तिका में कोई कमी न हो, फटा हुआ पृष्ठ न हो अथवा कोई पृष्ठ गायब न हो इत्यादि। यदि ऐसा हो, तो इसके बदले नई क्यू० सी० ए० पुस्तिका प्राप्त कर लें।

(To be filled by candidate)

All fields mandatory

(Inaccurate/Incomplete information may lead to delay in the evaluation process)

Name of Candidate : Shakti Dubey

Next IAS Roll No. : EC24ON023

Phone No. :

Test Code → TC- 0 6 4

Date of Examination : 9 /9/24

Exam Centre : Old Rajinder Nagar ☐

Jaipur ☐

Prayagraj ☐

Online ☒

निरीक्षक के हस्ताक्षर
Invigilator's Signature

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Student's Queries for the Evaluator (If any write them below)

Evaluator's response



प्राप्तांक के विवरण (परीक्षक द्वारा भरा जाए) / Marks Details [To be filled by the Examiner(s)]

	निबन्ध विषय सं० Essay Topic No.	अंक Marks	
खण्ड-A Section-A			
खण्ड-B Section-B			
सकल योग / Grand Total			

Your performance vis-a-vis other examinees-

Front Runner	Achiever	Aspirant

Parameters	Exemplary	Good	Average	Needs Improvement
Understanding				
Coherence				
Lucidity				
Structuring				
Presentation				



Parameters	<i>Exemplary</i>	<i>Good</i>	<i>Average</i>	<i>Needs Improvement</i>
Understanding				
Coherence				
Lucidity				
Structuring				
Presentation				



खण्ड-A / Section-A

- ✓ Q.1 Environmental pollution is an incurable disease, it can only be prevented.
पर्यावरण प्रदूषण एक लाइलाज बीमारी है, इसे केवल रोका जा सकता है।
- Q.2 The law has no compassion and justice is administered without compassion.
कानून में करुणा नहीं होती है और न्याय बिना करुणा के किया जाता है।
- Q.3 The love of one's country is a splendid thing but why should love stop at the border?
अपने देश के प्रति प्रेम एक शानदार बात है लेकिन सीमा पर प्रेम क्यों रुक जाना चाहिए?
- Q.4 He profits most who serves best.
जो सर्वोत्तम सेवा देता है, उसे सर्वाधिक लाभ प्राप्त होता है।

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(1) Environmental Pollution is an incurable disease which can only be prevented.

Recently a small island country Tuvalu, became the first digital nation of the world. Due to impact of the climate change, the existence of the country is under threat - the rising sea level has led to coastal erosion

and loss of territory for the nation. So, in order to preserve its culture, its rich heritage and tradition the government has decided to create the country in metaverse. This will help the nation conserve its existence digitally.

This episode narrates a story of serious threat the world is slipping into because of climate change.

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This is an outcome of unabated
environmental pollution that has now
progressed into climate change and
impacting life across the globe - especially
the low lying island nations.

In this essay we will be looking
at the causes of climate change one of
them being environmental pollution.
We will analyse how in the contempo-
rary times Pollution has become a
necessary evil and what are the
cures that the world is adopting to
avoid doomsday or rather we can
say delay it for a while.

Greta Thunberg, a climate activist
has rightly said that - "we must act
as if our house is on fire because it
is". This highlights the seriousness

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of the change that the global climate is going through. One of the major cause of climate change is- rise in the concentration of greenhouse gases like- Methane, carbon dioxide, nitrous oxide, etc. and the cause for this is environmental pollution.

Pollution became a reality starting from the Industrial revolution and has progressed throughout - to create an irreversible impact on the environment - one which neither can be cured, nor it can be reversed. Global warming, is actually a natural phenomena of earth to maintain a suitable temperature to ensure survival of life on earth, but anthropogenic

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Intervention has increased it's concentration in the atmosphere.
For eg:- The earth atmosphere naturally contains 0.2% of carbon dioxide (CO₂) which has increased by 296% from the pre-industrial level (Emission Gap repeat) leading to rise in global average temperature - along with issues like melting of icecaps.

The major source of green house gases are- air pollution (because of burning of fossil fuel), agriculture (paddy is the largest source of methane release) livestock rearing (especially ruminants). Apart from this the issue of plastic pollution, water pollution, e-waste

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generation, lack of solid waste manage-
-ment has created a major challenge for
not just mankind but entire life on
earth.

But, if look at the contemporary
reality the world is moving towards
Industrial revolution 4.0 with fast
paced tech evolution and rise of
emerging technologies like - Artificial
intelligence, machine learning, Big
data analytics, etc. These have
negative impact on the environment
as they consume huge volume of
water, generate e-waste, contribute
to plastic pollution along with release
of harmful gases. It must be

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Therefore understood that environ-
ment pollution in current era is
inevitable and to the level we have
progressed it has even become
incurable. Therefore the world
needs to collaborate in order to
prevent it's warth.

The concept of Environmental
concern : a global concern, first emerged
in 1972, when the countries gathered
at Stockholm for UN convention on
conservation of human environment
(UNCHE) which led to establishment
of United Nation Environment Program
(UNEP)

Based on the outcome, the
countries met at Rio for Earth Summit
in 1992 which finally led to the

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establishment of International platform to discuss various aspects of climate change like - Agenda 21, Forest principle, UNFCCC, UNCBD, UNCCD. to tackle issues related to environment, biodiversity, desertification, etc.

The nations agreed to the fact that tackling International challenges like climate change requires collaboration among nation states. Thus climate change negotiations have progressed in form of :- Kyoto Protocol, Paris agreement, Montreal protocol, Kigali Amendment, etc.

These are based on the concept of "common but differentiated responsibility" because of the fact that countries of Global north have been

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the forerunners of industrial revolution and have benefitted the most along with being the largest contributors to environmental pollution.

We know that the world faces more of "lack of willingness" problem instead of "lack of capacity" - thus to ensure proactive participation by the countries - the concept of Nationally determined contributions was brought so that nations can declare their targets based on their feasibility and try to achieve them.

India has always acted as "Vishwaguru" in such challenging situation by guiding the world through example. At conference of Parties 26 (COP26) at Glasgow India reiterated

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it's Panchamrit Targets - which aims to attain carbon neutrality by 2070, while focussing on reducing carbon intensity of its GDP by 45% and to ensure 50% of its total energy requirement from renewable sources.

In order to achieve its targets India has been working on enhancing its solar capability at home along with international collaboration through International Solar Alliance. India has launched several schemes to boost renewable capacity of India through initiatives like - Green Hydrogen mission, PM-Suryodaya Yojana (rooftop solarisation), etc.

Recently the Global Stocktake report has also suggested on tripling the use

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of nuclear energy to ensure smoother transition of economy from carbon based to renewable based.

But, even at such international forum- the personal interests have always overplayed the global concerns. The countries of Global North have failed to provide support - both technological & financial to the nations of Global South to help them cope up with climate change.

Rather - they have been creating stricter rules like Just energy transition partnership (JETP), carbon border adjustment mechanism (CBAM), Global methane Pledge, etc which has outrightly been opposed by India and other developing nations as it is against the principle

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of common but differentiated responsibility
This presents a challenge before the world
in one of the most turbulent times.

Looking at the current pace of
change in global climate UNCA secretary general Antonio Guterres has
held that "era of global warming has
ended, while the era of global boiling
has already started". According to the
IPCC 6th Assessment report - at the current
level of development the global temper-
ature would rise by 3°C by 2100
which is a very serious threat for
the life on earth

Understanding the tragedy
that is yet to unveil, the world needs
to collaborate not from their point of
strength but from point of being
more considerate and sensitive towards

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the concerns of small island nations,
developing and least-developing economies.
Recently our African Minister has
held that "Renewables are enforcing
poverty in Africa" as these countries
lack in funds & technology and on the
other hands are rich in fossil fuel
reserves

their concerns must be prioritised
else it will lead to development of
underdevelopment in these countries
and increase the inequality between
poor and the rich nations.

As it's said "Prevention is always
better than cure" and since Environ-
mental pollution is inevitable &
incurable we need to focus on
preventing its waste by adopting
climate sensitive policies while focusing
on one health approach

खण्ड-B / Section-B

Q.5 Imagination is more important than knowledge.

कल्पना ज्ञान से अधिक महत्वपूर्ण है।

Q.6 The best way to predict your future is to create it.

अपने भविष्य की भविष्यवाणी करने का सबसे अच्छा तरीका उसका निर्माण करना है।

Q.7 What you learn from a life in science is the vastness of our ignorance.

विज्ञान से जीवन में आप जो सीखते हैं वह है हमारी अज्ञानता की विशालता।

Q.8 Social media is more about psychology than technology.

सोशल मीडिया, प्रौद्योगिकी से अधिक मनोविज्ञान के बारे में है।

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Best way to predict a future is to create it

On the 75th Independence Day Prime Minister of India presented Indians with a dream vision of "Viksit Bharat 2047", which India will aim to achieve through its efforts during the Amrit Kaal. This is a vision &

mission document which highlights various approaches and focus area for India to transition from a developing to a developed economy.

The concept and idea of planning is not too new to India, rather it has always been a part of our historical evolution. This is based on Buddha's idea that "You become

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what you think". This emphasizes
the importance of action, coupled with
logic and strategy, because the best
way to predict your future is to create
it, first in your imagination and
then into reality through your
actions.

Visionaries create history:

Future of India has been
shaped by vision and action of our
great freedom fighters. As Rabindra-
nath Tagore writes

"where mind is without fear
and the head is held high...
... into that heaven of freedom
my father, let my countrymen awake"

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This vision for India's future has been seen by many including common man was created into a reality by efforts of our leaders like Mahatma Gandhi, Sardar Patel, Bhagat Singh, B. G. Tilak and so many more, who not only dreamt of free India but predicted India's future when they acted in unity through Mass Satyagrah which weakened the roots of British rule in India ultimately leading to the freedom of our motherland.

This freedom came with numerous challenges - issue of integration of princely states & tribal areas which stood as a major roadblock to Integrated India. But

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Sardar Patel not only used dialogue and diplomacy, but created a unified India even with use of force. It's rightly said that future belongs to those who believe in the beauty of their dreams and act relentlessly towards creating their own future.

Similarly post independent India had to tackle various other evils as well in form of poverty, hunger, malnutrition and child mortality, but what we wanted was a food secure nation. To create this - M. Srinivasa played a pivotal role in creating a self-sufficient economy through Green Revolution. With its advent

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India not only became self sufficient but also one of the largest exporters of food grains. Today India runs one of the world largest food distribution program through PDS i.e. public distribution system.

The visions that we see needs actions to become a reality. Indian society has always witnessed existence of social differences earlier in form of varna system which later became more regressive in form of caste system. Dr. B.R. Ambedkar was of view that "India will never be truly independent until there is complete annihilation of caste system". To make this a reality - as a part of drafting

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committee - he ensured a constitution that only provided political equality but also socio-economic equality through provisions under - Fundamental rights (Art-14, 15, 16, 17) and Directive Principles of state policy. He created a welfare state model with affirmative action.

This has paved the way for a more harmonious society. Indian constitution adopted "Model of democratic socialism" - which is a proper balance between capitalist & socialist model. India was inspired by USSR's model of Planning and thus had set up Planning commi-

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Session which put forward — five year
plans focussing on short term goals
towards a more stronger, Vibrant,
Independent future of India.

Today India is world's third
largest economy in terms of purchasing
power parity and is considered to be
one of the fastest growing economy.
We capture ~4% of Global Space market
with ISRO being 6th largest space
agency in world. But when Vikram
Sarabhai has first dreamt of this
India — it seemed impossible, but
he predicted it by creating one
of the strongest space agency in the
world.

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Today we know that the world is evolving towards emerging technologies like AI, Machine learning, quantum computing, etc & to catch up with this future dream - India has come up with its India AI Mission, National Quantum Mission, etc to be in the race to top.

Not all that glitters is gold

It is true that to predict a future we must create it with our own efforts by acting today, but not everything always goes as desired, because "To err is human".

Though our freedom fighters predicted independent India, today even after 75 years of independence we are not independent from the

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patriarchal mindset, caste based identities, communal tensions, etc that have hindered India's Ideological integration - while Sardar Patel ensured physical integration.

Green revolution has helped India achieve food security but has led to water stress (according to SDG-6 reports) while Ambedkar wanted to create an equitable society the issue of discrimination still persists.

India might be the third largest economy (in terms of PPP) but still ranks 111th/125 on Global Hunger Index and still has 11% of its population is multidimensionally poor (according to NITI Aayog MPI report)

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प्रश्न संख्या
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This shows that not everything we predict might become our reality, there are no perfect situations and we aren't dealing in ideal situations rather this is a real-time world, there are chances of errors but what matters is we try.

We create our future in present

So as to ensure that what we desire and dream becomes a reality tomorrow we need to act today.

Just like the way we sow our fields today to get grains for tomorrow,

similarly in order to create our future we need to act today.

This requires strength of char-

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act and integrity which will help
us act even in adverse situations and
keeps us motivated.

Head Gandhi stopped himself after
his arrest in Chauri Chaura Incident -
he would have never led the Quit India
movement. Head Ambedkar succumbed
to social pressure he would have
never raised his voice against the
caste system. If Vikram Sarabhai
would have limited his thoughts
to available resources he would have
never dreamt of ISRO.

So in all of these case what
we see is - "Future belongs to those
who believe in the beauty of their
dreams".