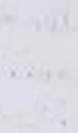


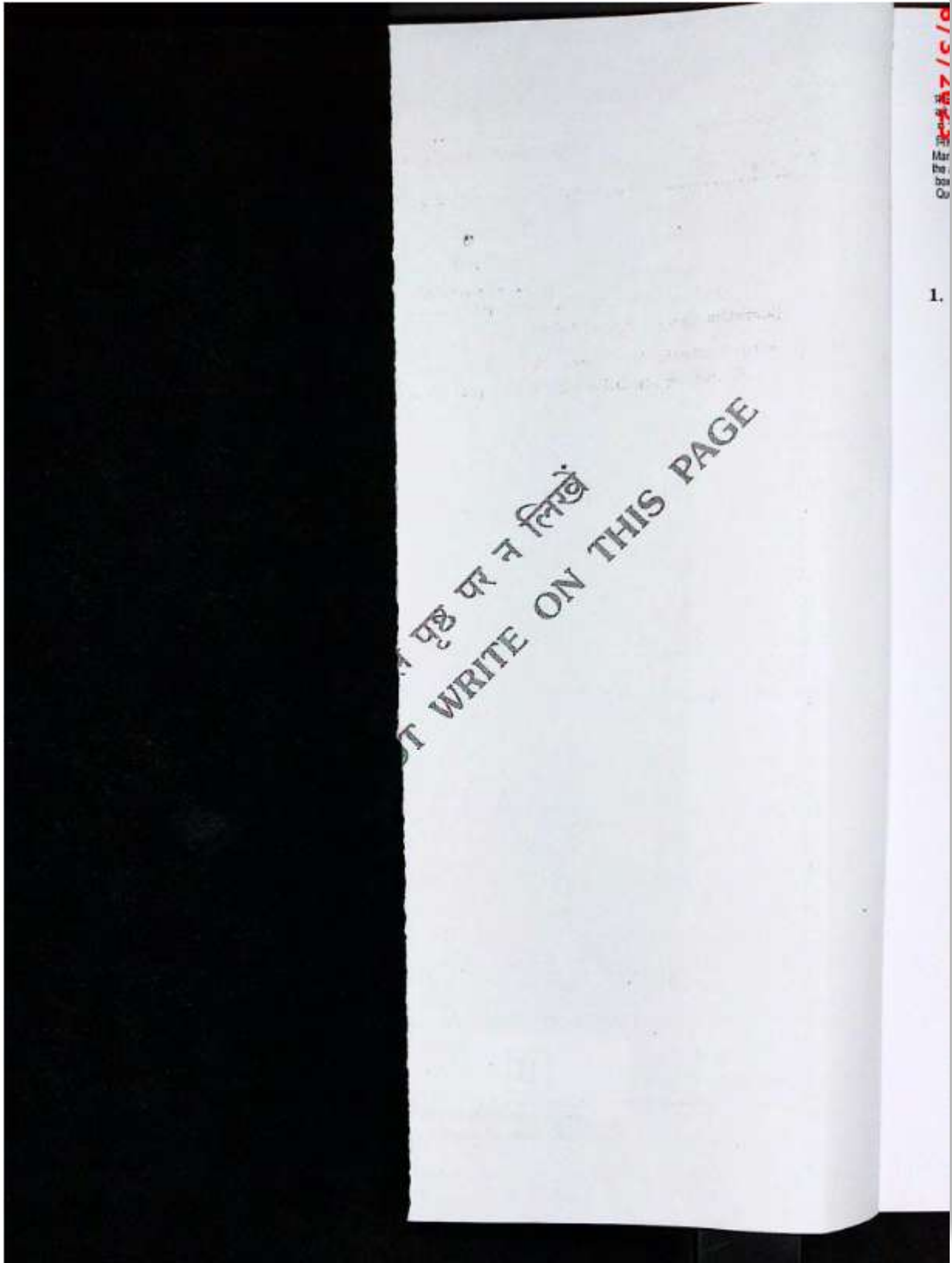
SrNo	1) Q1a (8.00)	2) Q1b (8.00)	3) Q1c (8.00)	4) Q1d (7.00)	5) Q1e (7.00)	6) Q2a (38.00)	7) Q2b (38.00)	8) Q3a (38.00)	9) Q3b (38.00)
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20) Q7b (7.00)	21) Q7c (7.00)	22) Q7d (7.00)	23) Q7e (7.00)	24) Q8 a (36.00)	25) Q8 b (36.00)
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	इस हाथिये में उम्मीदवार दुष्ट न लिखें Candidate should not write in this margin
II	[Full Marks : 300]
वेरलेपित कीजिए।	8

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General Studies—II

Time : 3 Hours]

[Full Marks : 300

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Section—I

खण्ड—I

1. Write short answer of the following questions :
निम्नलिखित प्रश्नों के लघु उत्तर लिखिए :

(a) ☒ Analyse critically the dynamic secularism in India.

भारत में गत्यात्मक धर्म-निरपेक्षता को आलोचनात्मक दृष्टि से विश्लेषित कीजिए।

8

Secularism is defined as
the neutral role of state
in people's religion.

Dynamic
Secularism in
India

Indian Constitution
under Article 25-28
provides Right ~~for~~ to
freely profess, propagate
religion

There is no
State religion in
India

Forceful conversion
of religion is prohibited
in India

Use of religion during
elections is closely monitored by
Election Commission

अप्रयुक्त स्थान को क्रॉस (x) चिह्न दें।
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4

Challenges of dynamic Secularism in India

- Many people are forcefully converted in India to other religions
- During elections, riots take place on account of religion
- Lack of legislative provisions for conversion activities

Way forward for secularism

- Awareness among people
- Strict enforcement of model code of conduct
- Uniform civil Code after discussions among people.

Thus, secularism in India is an ever-evolving process in Indian democracy.

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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✓ 4 Q1a
✓ 1/2 Q1a



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(b) ☒

Regional politics plays its role in India. Explain.

भारत में क्षेत्रीय राजनीति अपनी भूमिका निभाती है। व्याख्या कीजिए।

8

Regional politics means
use of regional and local
issues by political parties to
get success in election process

Role
~~Forme~~ of
Regional politics

- Demand for special
Category status
- 'Son of the Soil'
factor in elections
- Demand for separate
State flag. Eg:- Karnataka

Challenges of
Regional politics

- Sub-nationalist and
separatist tendency
Eg:- Khalistan
- Development
takes a backseat
- Personal motives
of political leaders

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(c)

Way forward
for
regional
politics

- Citizens should
vote for development
rather than
regional issues
- Better distribution
of Central funds
among states
- More voice to
intellectual and
civil society members

Hence, regional politics has
resulted in empowerment of
India politically over these
years

✓ 4 Q1b

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इस हस्तिले में
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(c) ☒

The positive directions in the Constitution of India are as a charter of social and economic democracy in the country. Explain with examples.

भारत के संविधान में सकारात्मक निर्देश देश में सामाजिक और आर्थिक लोकतंत्र के एक चार्टर के रूप में हैं। उदाहरण सहित व्याख्या कीजिए।

8

The Constitution of India provides for Directive Principles of State Policy under Article 36 to Article 51 in Part IV. There are novel features of Constitution.

The Directive Principles of State Policy ^(DPSP) are meant for social and economic democracy promotion as evident from following examples

→ Socialistic DPSP —

- Protection of children (Article 43A)
- ~~Protection of~~ free legal aid (Article 39)

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- Grandhian DPSP
- To organize village panchayats (Article 40)
 - To promote cottage industries (Article 46)
- Liberal-intellectual DPSP
- To provide uniform civil code (Article 44)
 - To promote elementary education for children (Article 48)

Hence DPSP in its true sense are ~~to~~ an important element of Constitution.

✓ 3 Q1c
✓ 1/2 Q1c

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(d) ☒

Explain the judicial review jurisdiction of the Supreme Court of India.

7

भारत के सर्वोच्च न्यायालय के न्यायिक पुनरावलोकन क्षेत्राधिकार को स्पष्ट कीजिए।

Judicial review jurisdiction
of Supreme Court is borrowed
from the 'procedure established
by law' of Japanese Constitution.

The Judicial review jurisdiction
includes

→ The Supreme Court can
strike down any law
made by Parliament if
it violates the basic
structure of Constitution
(Article 13)

→ This jurisdiction also
extends to laws made
by State Legislature.

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(e)

→ The judicial review is used by Supreme Court in many cases including Kesavananda Bharati case, Minerva Mills case, etc

→ Judicial review is by way of PIL, Judicial objection, Judicial activism, etc

Hence Judicial review is important for Indian democracy.

✓ 3 1/2 Q18

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- (e) ☒ Bihar has witnessed improvement in its political culture in last decades. Give examples.

बिहार ने पिछले दशकों में अपनी राजनीतिक संस्कृति में सुधार देखा है। उदाहरण दीजिए।

Bihar has witnessed improvement in political culture in last decades as evident from following examples

→ The 1st woman CM of Bihar, Rabari Devi was elected in 2002.

→ The 1st coalition government of Bihar was formed in 1977 under Karpasri Thakur (a OBC leader and 1st OBC CM)

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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2.

→ The number of instances
of President's rule in
Bihar has declined
→ more number of state
political parties such
as LJP, HAM, RLSP, etc

Hence, Bihar has improved
in its political culture.

✓ 1/2 Q1e
✓ 2 Q1e

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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2. (a) ☐

"Paramountcy of National Interest is enshrined in the Zonal Councils in the country." Examine critically, the nature and working of the Zonal Councils in India, in the light of the above statement.

19+19=38

"क्षेत्रीय परिषदों के अंतर्गत देश में, राष्ट्रीय हित की सर्वोपरिता प्रतिष्ठापित है।" भारत में क्षेत्रीय परिषदों की प्रकृति एवं कार्यशैली का उपर्युक्त कथन के परिप्रेक्ष्य में, आलोचनात्मक दृष्टि से परीक्षण कीजिए।

Or / अथवा

(b) ☒

Caste plays a role in Indian politics. There is a change in its functioning over the decades. How do you look at its changing role over the last many decades? Does the logic of development subside the character of caste? Give your reasons.

38

जाति भारतीय राजनीति में एक भूमिका निभाती है। दशकों में इसके कामकाज में बदलाव आया है। आप पिछले कई दशकों में इसकी बदलती भूमिका को कैसे देखते हैं? क्या विकास का तर्क जाति के चरित्र को कमजोर करता है? अपने कारण दीजिए।

Caste in India is defined as the 4-fold stratification which was present from ancient India itself on the basis of 'chaturvarnashrama'. The 4-fold hierarchy of caste even in present day India on the ascribed status includes

```

    graph TD
      A[Caste in India] --> B[Brahmin]
      A --> C[Kshatriya]
      A --> D[Vaishya]
      A --> E[Shudras]
  
```

It is well said in India that, "In India, people don't recast"

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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their vote, they vote their caste¹⁷.
This indicates the important
role played by caste in
Indian politics

Role of
Caste in
Indian
politics

- Used as a medium to strengthen caste solidarity
- Caste politics deeply influence voting pattern of citizens especially in Uttar Pradesh & Bihar
- Political parties prepare their manifestos while keeping in mind caste issues
- Citizens have greater expectations from their caste-oriented MLAs & Members of Parliament on development front

However, there is a paradigm shift and change in the role and function of caste in Indian politics over the decades.

अप्रयुक्त स्थानों को क्रॉस (X) कर दें।
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Positive changes in functioning of caste in Indian politics over the decades include—

- Caste-based political parties— such as Bahujan Samaj Party (BSP), Apna Dal in Uttar Pradesh and Rashtriya Janta Dal (RJD), Lok Janshakti Party (LJP) in Bihar have been established over the decades. This resulted in political enlightenment of various castes.
- Greater representation in ministerial posts— to different caste people resulted in growth and development of various caste groups. Eg:- In Bihar in 1977, Kasperri Thakur, who belonged to low-caste barber group, became 1st OBC Chief Minister of Bihar.
- Empowerment to women of different castes— as a result of caste-based politics. For Example:- In early 2000's

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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1. Rabri Devi, belonging to Yadav caste of Bihar, went on to become 1st woman chief Minister of Bihar

✓ Negative changes in role and functioning of caste in Indian politics over the decades

→ Caste overtakes development - in Indian politics as many people tend to vote a corrupt caste-group political party rather than a ~~for~~ development oriented political party

✓ → Increase in violence - among various caste groups during elections on account of fake news of beef consumption by low caste people [2015 Bihar elections], etc

→ Improper use of legislative provisions - such as fake OBC, SC, ST caste certificates by political leaders to contest elections from a seat reserved for low-caste groups. This has resulted in exclusion of caste groups from democratic process

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Development means social, economic, political empowerment of all citizens of a nation. It is an essential factor for growth of nation. However, in India both development and caste are interlinked.

Reasons how
Caste has led to
development in
India

- SC/ST Atrocities Act, 1987 protects people from low caste from harassment [legislative development]
- Reservation in government jobs and education resulted in literacy development
- Various subsidies and social security Direct Benefit transfer to low-caste people led to economic development

Reasons why
Caste has led
to low development
in India

- Many schools and ^{their} teachers still have inferior status to low-caste people [Eg:- suicide of IIT Bombay student]
- Subsidies and DBT to low-caste people are often siphoned off by sardars of forward caste
- Political manifestos for growth of low-caste are often unfulfilled

अप्रयुक्त स्थान को त्रिजं (X) कर दें।
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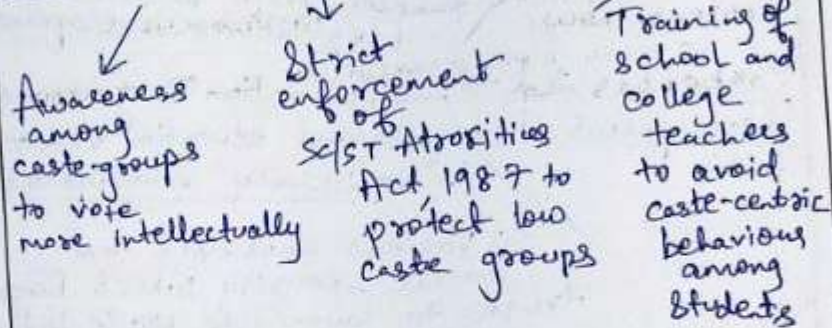
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However, in India, caste based politics has led to more of political progress and development rather than negative effects. However, there is need for more reforms in caste-based politics in India

Such as —



Thus, in Indian politics, caste is an ever-evolving process, which needs to be strengthened to reap ~~its~~ its benefits which will led to development of country

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3. (a) ☐

Election Commission of India has played an important role in conducting the elections. Critically examine its role in making the elections free and fair over the decades. Compliment your answer with reference to the conduct of elections in pre-Sheshan and post-Sheshan era in Bihar. How does it contribute to the strengthening of the democracy?

38

भारत के चुनाव आयोग ने चुनाव कराने में महत्वपूर्ण भूमिका निभाई है। दशकों से चुनावों को स्वतंत्र और निष्पक्ष बनाने में इसकी भूमिका का आलोचनात्मक परीक्षण कीजिए। बिहार में शेषन-पूर्व और शेषन युग के बाद चुनावों के संचालन के संदर्भ में अपने उत्तर के कारण दीजिए। यह लोकतंत्र को मजबूत करने में कैसे योगदान देता है?

Or / अथवा

(b) ☒

Discuss the composition and powers of the Rajya Sabha and identify its role as the Second Chamber of the Parliament.

38

राज्य सभा की संरचना एवं शक्तियों का विवेचन कीजिए तथा संसद के द्वितीय सदन के रूप में इसकी भूमिका का उल्लेख कीजिए।

In India, the Parliament in India consists of Lok Sabha (the upper house), the Rajya Sabha (the lower house) and the President. The President of India is an integral part of Parliament as a bill passed by Parliament can only become a law after receiving assent of President.

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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प्रश्नों के सामने
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में Tick (✓) का
चिह्न लगावे।
Mark Tick (✓) in
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Question No.

20

Composition of Rajya Sabha

→ The Rajya Sabha consists of 250 members

→ Out of 250 members

↓
238 members are elected indirectly by the elected representatives of State Legislative Assemblies and Legislative Assembly of Delhi and Puducherry

↓
12 members are nominated by President from amongst persons having special knowledge or service in art, literature, science, etc.
Eg: Recently, Pt Usha was nominated to Rajya Sabha

→ Rajya Sabha is a continuing house with $\frac{1}{3}$ rd members retiring every 2 years. Thus all members hold a term of 6 years. This provision is given in Representation of People's Act, 1951



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उम्मीदवार
गुप्त न लिखें
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उम्मीदवार
गुप्त न लिखें
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→ The number of members from each state in the Rajya Sabha varies depending upon the size of state. For eg:- Uttar Pradesh has 31 members, while Tripura has only 1 member

Why indirect election was chosen for composition of Rajya Sabha

- Rajya Sabha is only a reviewing house of Parliament
- Huge election expenditure for elections
- Need for nomination of eminent persons in law-making process.

Powers of Rajya Sabha

→ Legislative Powers -

- A bill can be introduced by a minister or member of Parliament but not a money bill
- There is provision for joint sitting of Lok Sabha and Rajya Sabha for deadlock over money bill

→ Executive Powers -

- Rajya Sabha can call for replies

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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22

प्रश्नों के सामने
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निशान लगाएँ।
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प्रश्नों के सामने
दिए गए बॉक्स
में Tick
निशान लगाएँ।
Mark Tick
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Questions

and answers from ministers over a public matter of importance

- Committees of Rajya Sabha can call for appearance of officers of government for their viewpoints on various issues
- The elected members of Rajya Sabha cast their vote in election of President

→ Judicial powers

- Rajya Sabha can punish anyone for breach of its privileges and Contempt of House
- Rajya Sabha can initiate a resolution for impeachment of Supreme Court and High Court Judges

→ Special powers of Rajya Sabha

- These powers are exclusive powers of Rajya Sabha
- Rajya Sabha can pass a resolution for parliamentary legislation in state list by $\frac{2}{3}$ majority (Article 249)
- Rajya Sabha can pass a resolution

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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ये Tick (X) का
निशान लगायें।
Mark Tick (X) in
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Question No.

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इस हाशिये में
उम्मीदवार
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for creation of new All-India
Services (under Article 312)

- Role of Rajya Sabha
as Second
chamber of
Parliament
- Prevents hasty legislation by Lok Sabha by returning an ordinary bill for reconsideration
 - It strengthens Federal structure of India by allowing MLAs of States to elect members of Rajya Sabha
 - It gives an opportunity for eminent persons representation who may not like to contest ordinary elections
 - As it consists of senior politicians, it is a good forum for parliamentary discussion
 - keeps a check on political parties who have utmost majority in Lok Sabha, by reviewing bills of Parliament

However, there are challenges with role of Rajya Sabha as second chamber of Parliament such as —

अप्रयुक्त स्थान को क्रॉस (X) कर दें।
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- Money bill cannot be introduced in Rajya Sabha
- It has limited powers with regard to ~~a~~ censure motion and no-confidence motion
- It is termed as 'white elephant' due to its ineffective nature
- Nominations in Rajya Sabha by President are often not from eminent persons but politically motivated nominations

Way forward
for Rajya
Sabha

- Increase in number of sittings for discussions
- Stringent punishment for members disrupting the House
- Equal number of members from each state as in US

Thus, Rajya Sabha is an important forum of Parliament which has led to political development of Indian democracy and its people.

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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✓ 20. ✓ Q3b ✓



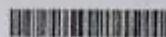
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चिह्न लगाएँ।
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Section—II

खण्ड—II

4.

Write short answer of the following questions :

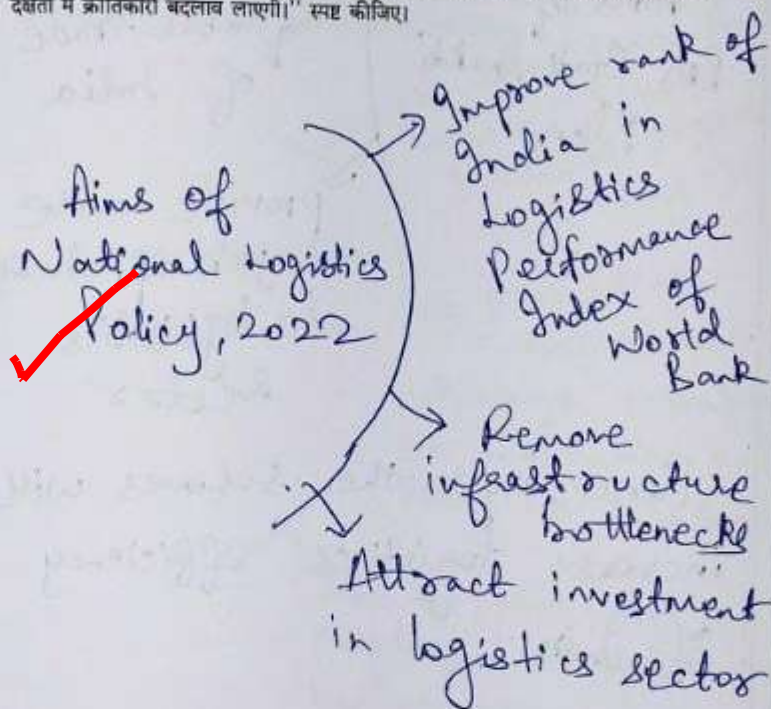
निम्नलिखित प्रश्नों के लघु उत्तर लिखिए :

(a) ☒

"National Logistics Policy, 2022 along with PM Gati Shakti Plan would revolutionise logistics efficiency in India." Elucidate.

8

"राष्ट्रीय लॉजिस्टिक्स नीति, 2022 प्रधानमंत्री गति शक्ति योजना के साथ भारत में लॉजिस्टिक्स दक्षता में क्रांतिकारी बदलाव लाएगी।" स्पष्ट कीजिए।



अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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प्रश्नों के सामने
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में Tick (✓) का
निशान लगाएँ।
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प्रश्नों के सामने
दिए गए बॉक्स
में Tick (✓) का
निशान लगाएँ।
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Question No.

(b)

Aims of
PM Gati Shakti
Plan ✓

→ Improve road, rail and
shipping logistics

→ Increase
global trade
of India

→ provide more
job opportunities
in logistics
sector

Hence, both the schemes will
increase logistics efficiency
of India.

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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✓ 2.5 Q4a

इस स्थिति में
उपरोक्त स्थान
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प्रश्नों के सामने
सही सही बॉक्स
में Tick (✓) का
निशान लगाएं।
Mark Tick (✓) in
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इस स्थिति में
उपरोक्त स्थान
में लिखें
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(b) ☒

Explain how Atal Innovation Mission (AIM) is promoting innovation and entrepreneurship across India. Discuss briefly various initiatives of Atal Innovation Mission like 'Mentor India', 'Atal Incubation Centres' and 'Atal New India Challenge'.

अटल इनोवेशन मिशन किस प्रकार पूरे भारत में नवाचार और उद्यमशीलता को बढ़ावा दे रहा है, व्याख्या कीजिए। 'मेंटर इंडिया', 'अटल इनक्यूबेशन सेंटर' और 'अटल न्यू इंडिया चैलेंज' जैसे अटल इनोवेशन मिशन की विभिन्न पहलों पर संक्षेप में चर्चा कीजिए।

8

Atal Innovation Mission

- promoting innovation among school students right from class V
- promoting entrepreneurship through incentives in innovation and research startups
- Aim to provide employment opportunities by providing skills

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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प्रश्नों के सामने
दिए गए बॉक्स
में Tick (✓) कर
निर्माण लगाइए।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

28

Mentor India → Aims to provide
guidance in
innovation
Sector

Atal Incubation
Centres → work as
mini labs for
innovation and
research.

Atal
India Challenge → to address
various
emerging
issues of
Indian Society

✓ 3 Q4b

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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प्रश्नों के सामने
बने रहने बॉक्स
में Tick (✓) का
निशान लगावें।
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Question No.

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इस हदिये में
उम्मीदवार
कुछ न लिखें।
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(c) ☒

Discuss the level of urbanization in Bihar. Explain at least two reasons for the low level of urbanization in the State. What are the recent initiatives taken by Bihar Government to push urbanization in the State?

बिहार में नगरीकरण के स्तर पर चर्चा कीजिए। राज्य में नगरीकरण के निम्न स्तर से संबंधित कम-से-कम दो कारणों की व्याख्या कीजिए। राज्य में नगरीकरण को बढ़ावा देने के लिए बिहार सरकार द्वारा हाल ही में क्या कदम उठाए गए हैं?

Urbanization in Bihar is only 11.2% as per 2011 census

Patna has highest urban population

Samastipur has lowest urban population

Reasons for low urbanization

Agriculture is main sector in rural areas

High cost of cities

Increase in crime rate in cities

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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प्रश्नों के सामने
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निशान लगाएँ।
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Questions No.

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प्रश्नों के सामने
दिए गये बॉक्स
में Tick (✓) का
निशान लगाएँ।
Mark Tick (✓) in
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Questions No.

Initiatives to increase urbanization

✓

Mukhyamantri
Hase Ghas Wal
Tal Yojana in
cities

One Govt
engineering college
in all districts

Hase Ghas Bijali
Lagata

✓ 4 Q4c

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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(d)

प्रश्नों के सामने
बने सही बॉक्स
में Tick (✓) का
निशान लगाएँ।
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Question No.

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इस ह्रासिमे में
कम्पिटिटर
तुलन न लिखें
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(d) ☐

What is Indian Ocean Dipole Movement? Explain how it was related to the erraticity of monsoons during the year 2022 in India. What was the effect of this erraticity on the food production and economy in India?

हिन्द महासागर द्विध्रुवीय गति क्या है? इसका क्या 2022 में भारत में मौसम की अनियमितता से क्या संबंध था, व्याख्या कीजिए। इस अनियमितता का भारत में खाद्य उत्पादन और अर्थव्यवस्था पर क्या प्रभाव पड़ा?

Indian
Ocean Dipole

refers to
increase in
sub-surface
temperature
in Indian
Ocean region

Caused low
rainfall in India

more monsoon breaks

more droughts

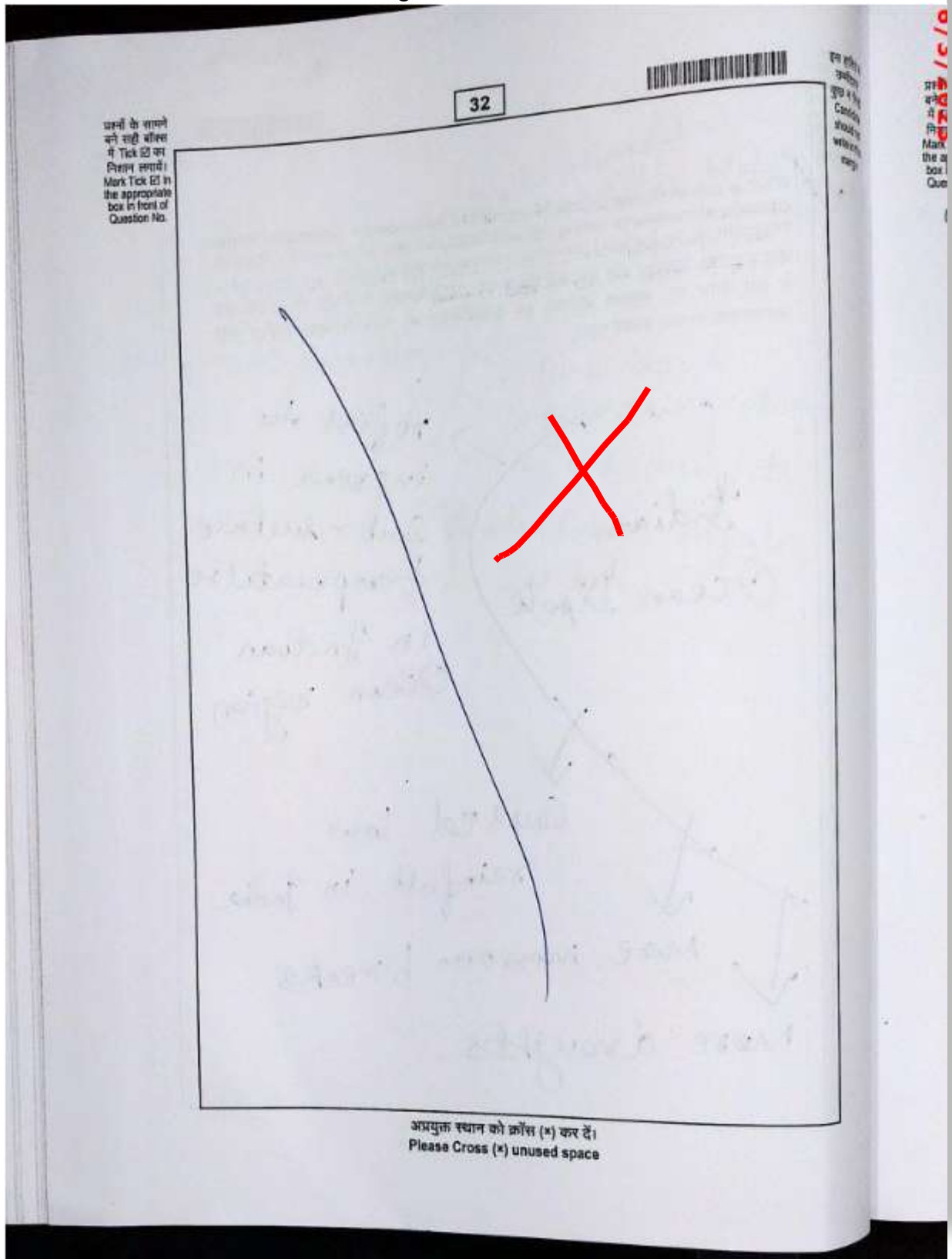
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✓ 1.5 Q4d



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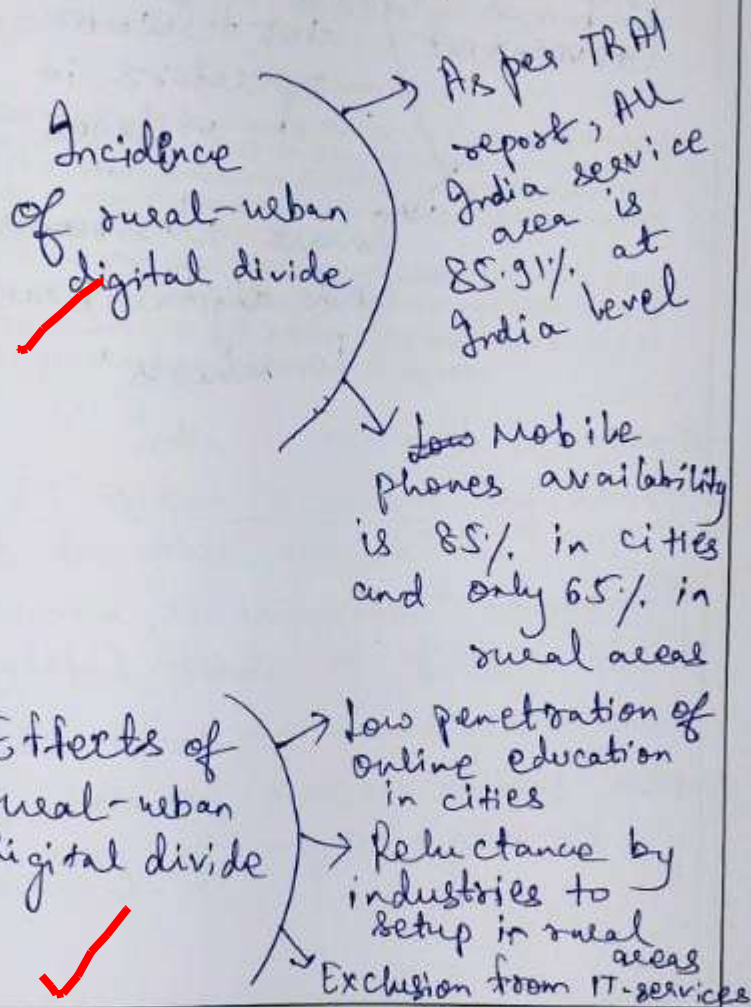


इस हार्डिके में
कम्प्यूटर
कुछ न लिखें।
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(e) ☒

Discuss the incidence and effects of Rural-Urban digital divide in India. Examine the steps taken by the government to reduce it.

भारत में ग्रामीण-शहरी डिजिटल विभाजन की व्यापकता और प्रभावों पर चर्चा कीजिए। इसे कम करने के लिए सरकार द्वारा उठाए गए कदमों का परीक्षण कीजिए।



अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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प्रश्नों के सामने
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सही विकल्प
से Tick (✓) कर
लिखना अवश्य है।
Mark Tick (✓) in
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Question No.

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इस कॉपी में
कम्प्यूटर
गुप्त न लिखें।
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✓ 3.5 Q4e

PM National
Electronic mission

Steps by
Government

Subsidies
for telecom
operators in
villages

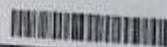
Smart classrooms
and digital board
in schools

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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उपयोग
न लिखें
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प्रश्नों के सामने
दिए गए बॉक्स में
Tick (✓) का
चिह्न लगाएँ।
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Question No.

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इस हानि में
उपयोग
न लिखें
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5. (a) ☒ Examine India's global trade engagements in 2022. What are the various initiatives taken by India to enhance trade? Suggest some ways to increase India's global trade engagements in future.

2022 में भारत के वैश्विक व्यापार संबंधों की जाँच कीजिए। व्यापार बढ़ाने के लिए भारत द्वारा की गई विभिन्न पहलें क्या हैं? भविष्य में भारत के वैश्विक व्यापार संबंधों को बढ़ाने के कुछ उपाय सुझाइए।

38

Or / अथवा

- (b) ☐ According to the report released by the Telecom Regulatory Authority of India (TRAI) in February 2022, the Bihar Service area has tele-density of 53.71% as against all-India average of 85.91% at the end of December, 2021. Indicate the reasons for this situation. What is its impact? Examine the steps that can be taken to improve the situation.

38

फरवरी 2022 में भारतीय दूरसंचार विनियामक प्राधिकरण (ट्राई) द्वारा जारी रिपोर्ट के अनुसार, दिसंबर 2021 के अंत में अखिल भारतीय औसत 85.91% के मुकाबले बिहार सेवा क्षेत्र में 53.71% टेली-घनत्व है। इस स्थिति के कारणों को इंगित कीजिए। इसका क्या प्रभाव है? स्थिति में सुधार के लिए उठाए जा सकने वाले कदमों की जाँच कीजिए।

India is expected to become a \$5 trillion economy by 2030 and for this growth to be achieved, an important component is global trade of India. Global trade refers to exchange in goods and services among various nations by way of import, export, etc.

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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प्रश्नों के सामने
यहाँ सही विकल्प
में Tick (✓) का
निशान लगाएँ।
Mark Tick (✓) in
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Question No.

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India's global trade engagements
in 2022 include —

- India - Australia Economic Co-operation and Trade Agreement - which was signed between India and Australia in 2022 and is expected to increase trade between both countries to \$27.5 billion by 2030.
- I2U2 - agreement between India, ~~Israel~~, US and UAE as an economic co-operation agreement to enhance trade in defence, pharmaceutical, Artificial intelligence, etc.
- India-Sri Lanka trade agreement - on account of economic crisis in Sri Lanka, India is helping Sri Lanka by exporting medicines, health machinery, IT equipments, etc.
- Shanghai Cooperation Agreement - meeting in Uzbekistan in 2022 declared Varanasi as Tourism and Cultural capital of SCO.

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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संक्षेप में
उत्तर लिखें
प्रश्न नंबर
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प्रश्नों के सामने
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चिह्न लगाएँ।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

37



इस हदिये में
उम्मीदवार
कुछ न लिखें
Candidate
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margin

India has promoted tourism trade and export of cultural artefacts to various SCO ~~nations~~

→ India- UAE Comprehensive Economic Partnership Agreement - Signed in 2022 which ~~will~~ enable Indians in UAE to use India's UPI that will enhance remittances to India.

Challenges of India's global Trade engagements

→ India has failed to enhance its domestic manufacturing for ~~export~~

→ About 70% of India's API requirements are met from China, thus the pharmaceutical trade of India is depended on China

→ India's refusal to join Regional Comprehensive Economic Partnership (RCEP) Agreement of ~~ASEAN~~ is a setback for

India's 'Look East' policy
Trade relations between India-US has dipped due to India supporting Russia in trade.
Eg: S-400 missile

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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प्रश्नों के सामने
दिए गए विकल्पों में से सही विकल्प
को टिक (✓) या निशान लगाएँ।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

38

- Initiatives taken by India to enhance trade:
- National Foreign Trade Policy, 2022 of India.
 - National Logistics Policy, 2022 to strengthen supply chain to enhance global trade
 - PM Gati Shakti Mission, 2021 to provide a robust infrastructure for export of goods.
 - Incentives to apparel and garment industry by providing interest-free loans to enhance their export capabilities
 - PM VISHWAS scheme for skill development of artisans to link their products to global value chain

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
Please Cross (x) unused space

प्रश्नों के सामने
दिए गए बॉक्स में
Tick (✓) का
निशान लगावे।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

39



इस स्थान पर
उम्मीदवार
कुछ न लिखें
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- In Budget 2023-24, Indian Government has introduced Saptarishi pillar of financial sector (Pillar-7) for capital market growth in global trade
- India's 'Act East' ^{policy} and 'Look West' policy

Ways to increase India's global trade

- Enhance skill development of school students and ITIs college by providing vocational education
- Promote renewable energy industry in India and provide incentives for export of green energy

अप्रयुक्त स्थान को क्रॉस (X) कर दें।
Please Cross (X) unused space

प्रश्नों के सामने
दिए गए बॉक्स
में Tick (✓) का
चिह्न लगाएँ।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

40



इस हार्डिकॉपी
में कृपया
अंकित करने से
बचना।
Candidates
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margin.

3707/3/0

→ Earning goodwill among neighbouring States by ~~enhancing~~ their manpower through export of Indian workforce in those countries

→ ~~Get~~ Reforms in labour laws of India to attract Foreign Direct investment in India

→ Improve ease of doing business in India for industries to set up ~~in~~ easily without minimal approvals

→ Promote ~~msme~~ sector for export-oriented products like garments, apparel, etc to increase their contribution to GDP to 50%.

In ~~a~~ a multi-dimensional and geo-political global world, it is of ~~is~~ immense importance to promote India's trade for it to become a developed nation by 2047.

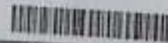
✓ 20 Q5a

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
Please Cross (x) unused space

इस हार्मिंग में
उम्मीदवार
गुप्त न लिखें
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प्रश्नों के सामने
दिए गए बॉक्स
में Tick (✓) या
निशान लगाएँ।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

41



इस हार्मिंग में
उम्मीदवार
गुप्त न लिखें
Candidate
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write in this
margin

6. (a) ☒

"Blue economy is identified as one of the ten core dimensions for national growth." In the light of the above statement, discuss its significance for the economy and list the steps taken by India to promote the blue economy. Are they sufficient?

"नीली अर्थव्यवस्था की पहचान, राष्ट्रीय विकास के दस मुख्य आयामों में से एक के रूप में की जाती है।" उपर्युक्त कथन के आलोक में, अर्थव्यवस्था के लिए इसके महत्व पर चर्चा कीजिए और नीली अर्थव्यवस्था को बढ़ावा देने के लिए भारत द्वारा उठाए गए कदमों की सूची बनाइए। क्या वे पर्याप्त हैं?

38

Or / अथवा

(b) ☐

On the basis of raw materials, divide Bihar into forest-based industries, agro-based industries and mineral-based industries. Substantiate your answer with neat sketches depicting the location of those industries. 12+14+12=38

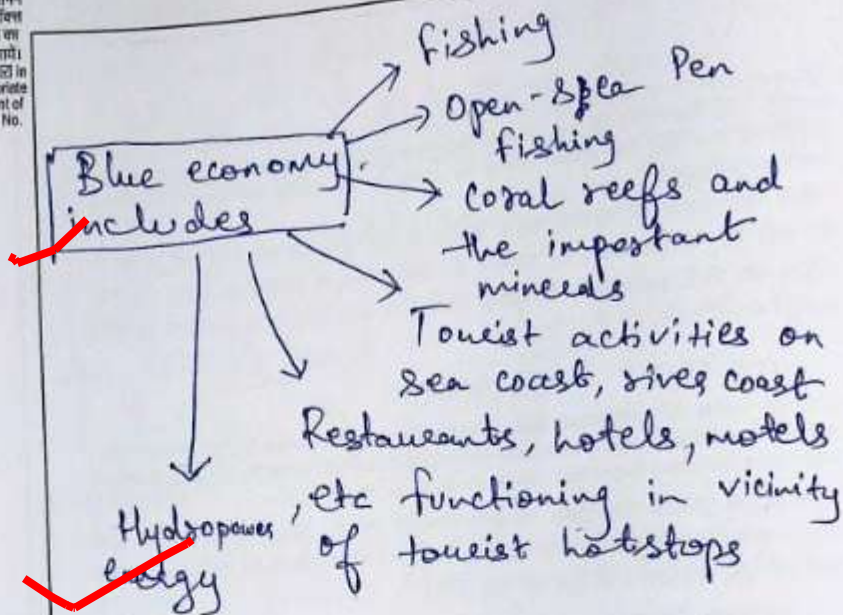
कच्चे माल के आधार पर, बिहार को वन-आधारित उद्योगों, कृषि-आधारित उद्योगों और खनिज-आधारित उद्योगों में विभाजित कीजिए। उन उद्योगों की अवस्थिति को दर्शाने वाले स्वच्छ रेखाचित्रों द्वारा अपने उत्तर की पुष्टि कीजिए।

Blue economy is referred to the economic development capability of ~~livestock~~, fisheries and aquaculture industry. It is of immense importance to promote blue economy in India for the progress of Indian ~~the~~ trade in global market. Currently, blue economy contributes to 7% to India's GDP as per ~~Economic~~ Economic Survey 2022-23.

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
Please Cross (x) unused space

प्रश्नों के सामने
दिए गए बॉक्स में
Tick (✓) का
चिह्न लगाएँ।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

42



Significance of blue economy for India

- Economic growth - It has contributed 7% to India's GDP as per Economic Survey of India 2022-23
- Fisheries - sector is largely developed in various coastal states like Maharashtra, Goa, West Bengal, etc

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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प्रश्नों के सामने
दिए गए बॉक्स
में Tick (✓) का
निशान लगायें।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

प्रश्नों के सामने
दिए गए बॉक्स
में Tick (✓) का
निशान लगायें।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

43



इस हिसाब में
उम्मीदवार
कुछ न लिखें।
Candidates
should not
write in this
margin

- Coral reefs - The shells of corals are of highly medicinal importance and the coral reefs of Lakshadweep and Andaman Nicobar Islands are rich in these medicinal properties.
- Tourism sector - The coastal areas as well as rivers coast like Ganga in Varanasi are developing sea surfing, water sports, etc thus enhancing tourism footfall.
- Deep-sea exploration - in the seas of India for various minerals ~~like~~ is another evolving industry in blue economy.
- Hydropower energy - can be used from tides and waves in the seas which will help India's aim of net zero emission.

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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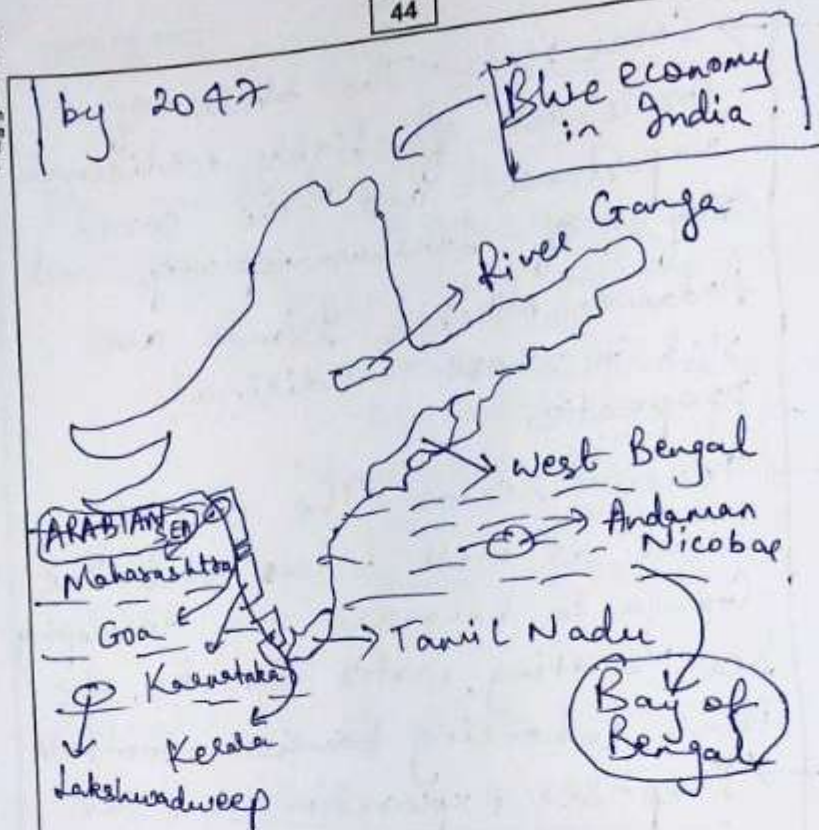


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प्रश्नों के सामने
दिए गए बॉक्स
में Tick (✓) का
चिह्न लगाएँ।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

44



Steps by India to promote
blue Economy

- Pradhan Mantri Matsya
Sampada Yojana - for
fisheries sector
- Sagarmala project - for
infrastructure in coastal
areas

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
Please Cross (x) unused space

प्रश्नों के सामने
दिए गए
संख्या
लिखें
Mark Tick (✓) in
the appropriate
box in front of
Question No.

प्रश्नों के सामने
दिए गए
संख्या
लिखें
Mark Tick (✓) in
the appropriate
box in front of
Question No.

45



इस स्थिति में
उम्मीदवार
कुछ न लिखें
Candidate
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write in this
margin

- Samudhayan mission - to send a manned submarine in deep sea
- India's Deep Sea mission - for mineral exploration
- MISHTI scheme - for mangroves as announced in Budget 2023-24
- National Hydro exploration mission

The various steps to promote blue economy in India are not sufficient due to following challenges -

- Various types of harassment by countries like China and Sri Lanka in international waters against fishermen.

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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प्रश्नों के सामने
बने सही अंश
में Tick (✓) का
निशान लगाएँ।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

46

- Over-exploration of sea has resulted in coral reef death and stagnation
- Lack of private sector participation in blue economic activities
- Over-regulation by government for industrial promotion

Way forward
for blue
economy

- Protecting environment while developing blue economy
- Local people displacement should be minimised
- Developing artificial intelligence innovation in blue economy

Hence blue economy in India has the capacity to make India a global leader in aquaculture and achieve India's aim of \$5 trillion economy.

✓ 26. Q6a

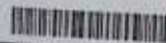
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इस हाथि में
उम्मीदवार
गुप्त न लिखें
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प्रश्नों के सामने
बने सही बॉक्स
में Tick (✓) या
निशान लगायें।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

47

Section—III खण्ड—III



इस हाथि में
उम्मीदवार
गुप्त न लिखें
Candidate
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write in this
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7.

Write short answer of the following questions :

निम्नलिखित प्रश्नों के लघु उत्तर लिखिए :

(a) ✓

What do you understand by Indigenization of Technology in Indian context?

भारतीय परिप्रेक्ष्य में 'तकनीक (प्रौद्योगिकी) का स्वदेशीकरण' से आप क्या समझते हैं?

8

Indigenization of Technology → refers to development of technology that is innovated and invented and applied in India

↓

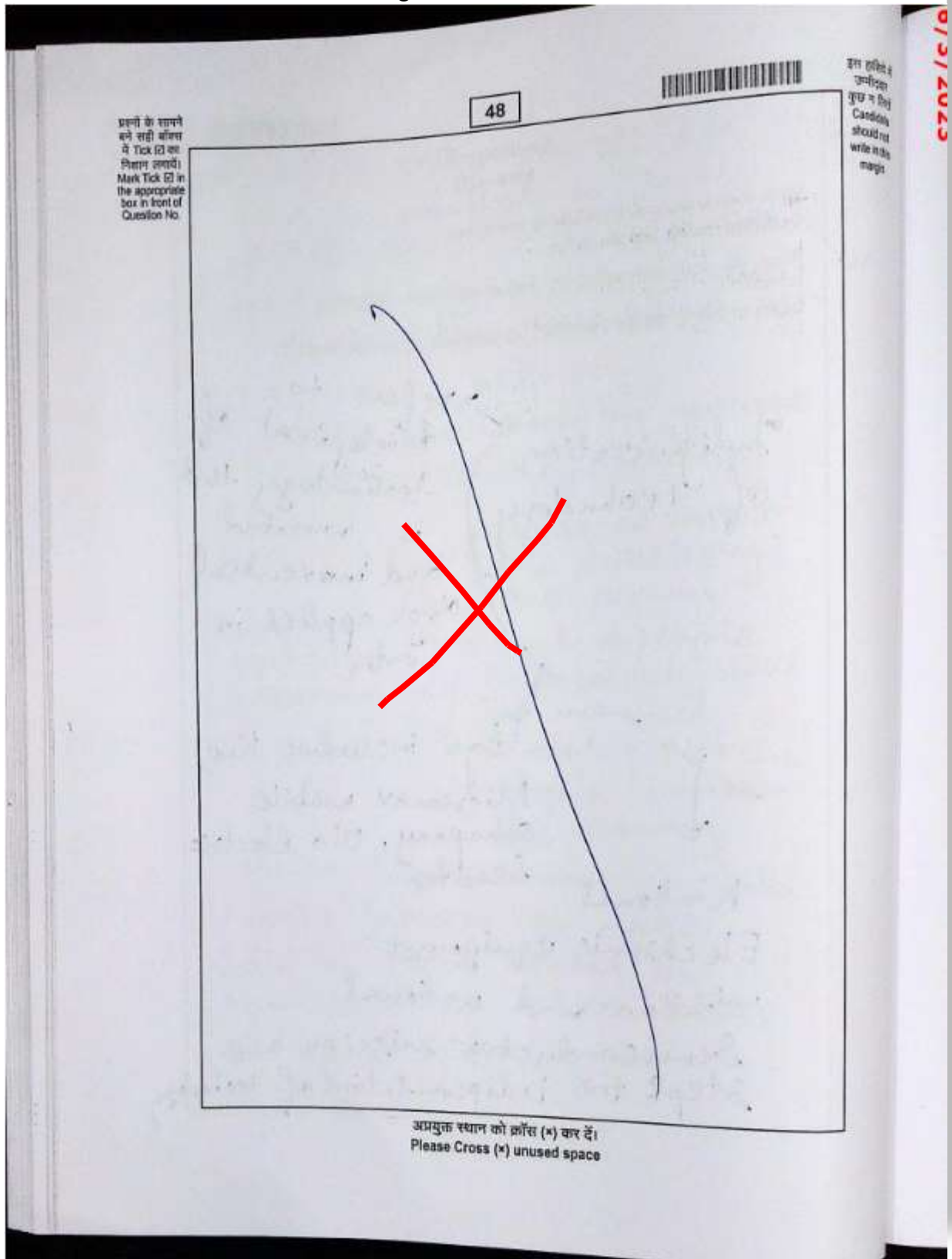
Egs includes Koo, Micromax mobile company, Ola Electric Scooter

↓

National Electronic equipment mission and national Semiconductor mission are steps for indigenisation of technology

अप्रयुक्त स्थान को क्रॉस (x) चार दें।
Please Cross (x) unused space

✓ 4 Q7a



प्रश्नों के सामने
दिए गए विकल्पों
में से सही विकल्प
को टिक (✓) का
निशान लगाएँ।
Mark Tick (✓) in
the appropriate
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Question No.

प्रश्नों के सामने
दिए गए विकल्पों
में से सही विकल्प
को टिक (✓) का
निशान लगाएँ।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

49



इस स्थान पर
उम्मीदवार
कुछ न लिखें
Candidate
should not
write in this
margin

(b) ☒

Explain why it is necessary for India to expand its nuclear energy program to meet the growing energy needs. Also write the precautions needed in nuclear program.

व्याख्या कीजिए कि बढ़ती ऊर्जा आवश्यकताओं को पूरा करने के लिए भारत के लिए अपने परमाणु ऊर्जा कार्यक्रम का विस्तार करना क्यों आवश्यक है। परमाणु कार्यक्रम में आवश्यक सावधानियाँ भी लिखिए।

Importance
of nuclear
Energy

- to contribute \$50 billion by 2030
- as a source of national security
- Employment opportunities

✓ 3.5 Q7b

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
Please Cross (x) unused space

50

प्रश्नों के सवाब देने सही ढंग से Tick (✓) का प्रयोग समायें।
Mark Tick (✓) in the appropriate box in front of Question No.

Precautions needed

- Reduce environment impacts
- Reduce displacement of people
- Prevent nuclear disasters like Chernobyl disaster.

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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संशोधन के
नोटिफिकेशन
में न लिखें
Candidates
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प्रश्नों के सामने
दिए गए बॉक्स
में Tick (✓) का
चिह्न लगाएं।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

51



इस इकाई में
उम्मीदवार
कुछ न लिखें
Candidate
should not
write in this
margin

(c) ☒

Write the difference between internet and intranet. Explain how internet and intranet has changed the life of human beings.
इंटरनेट और इंट्रानेट में अंतर लिखिए। व्याख्या कीजिए कि किस प्रकार इंटरनेट और इंट्रानेट ने मनुष्यों के जीवन को बदल दिया है।

7

Internet

Intranet

- It refers to use of web at the macro level

- It refers to use of web within a closed group

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
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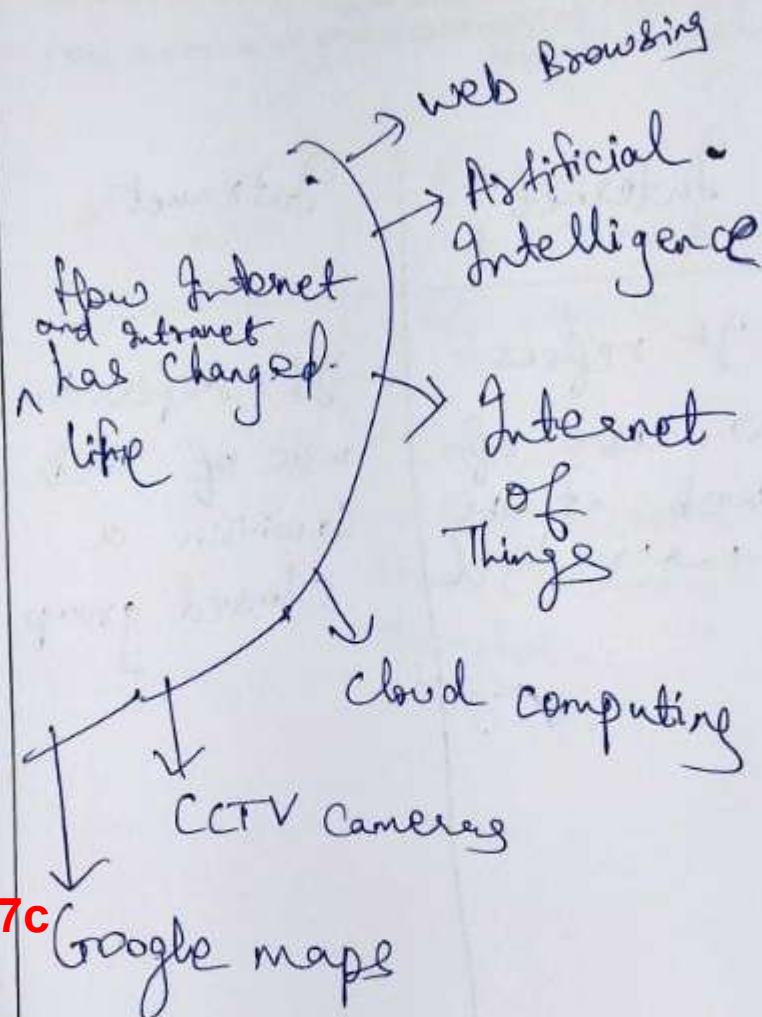
प्रश्नों के सामने
दिए गए बॉक्स में
टिक (✓) का
प्रयोग लगावे।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

52



इस स्थिति में
उम्मीदवार
गुप्त न लिखे।
Candidate
should not
write in this
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0/3 12/12/2020 12:00



✓ 3.5 Q7c

अप्रयुक्त स्थान को क्रॉस (x) कर दें।
Please Cross (x) unused space

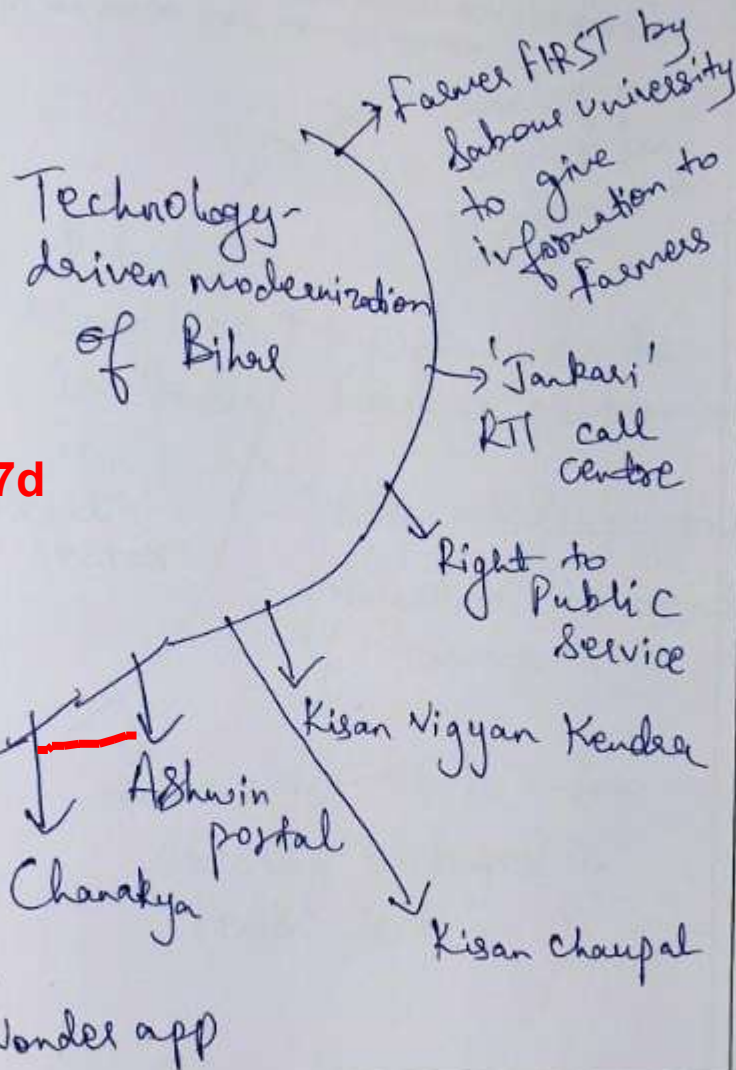
प्रश्नों के सामने
सही सही बॉक्स
में Tick (✓) या
क्रॉस (X) लगावे।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

(d) ☒

Write a note on Technology-driven modernization of Bihar.
प्रौद्योगिकी-आधारित बिहार के आधुनिकीकरण पर एक नोट लिखिए।

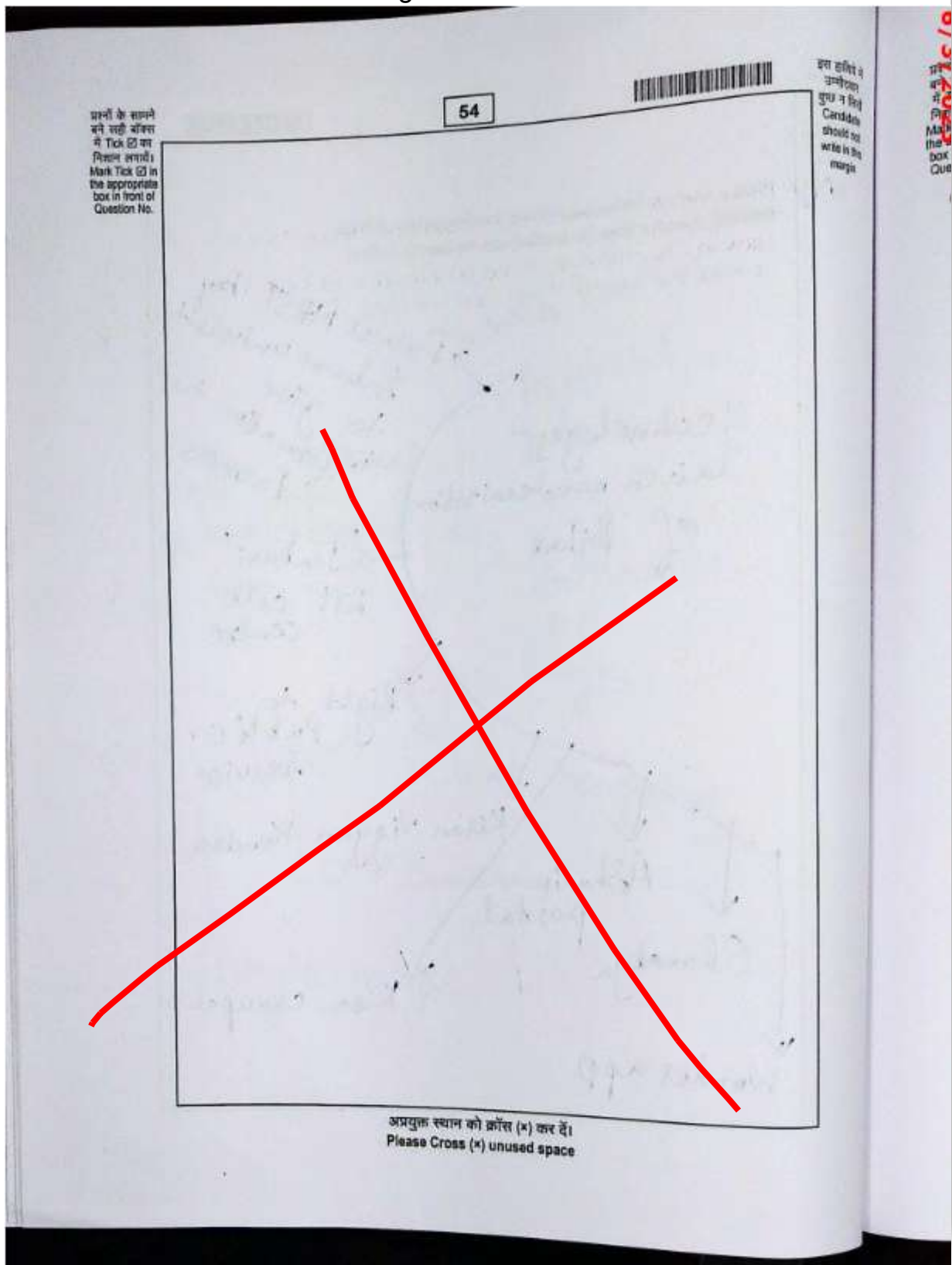


इस कृति में
कम्प्यूटर
गुण न लिखें
Candidates
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write in this
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✓ 3.5 Q7d

अप्रयुक्त स्थान को क्रॉस (X) कर दें।
Please Cross (X) unused space



प्रश्नों के सामने
दिए गये चिह्नों में से
सही चिह्न टिक (X) कर
लिखने लगेंगे।
Mark Tick (X) in
the appropriate
box in front of
Question No.

55



इस कृपया
उपरोक्त
प्रश्न में लिखें
Candidate
should not
write in this
margin

(e) ☐

Discuss the role of nanotechnology in health sector. Mention with example how it is used for treatment of various diseases.

स्वास्थ्य क्षेत्र में नैनो-प्रौद्योगिकी की भूमिका पर चर्चा कीजिए। विभिन्न रोगों के उपचार में इसका उपयोग किस प्रकार किया जाता है, उदाहरण सहित उल्लेख कीजिए।

7

✓ 4

Q7e

Role of
Nanotech
in India
in
Health
Sector

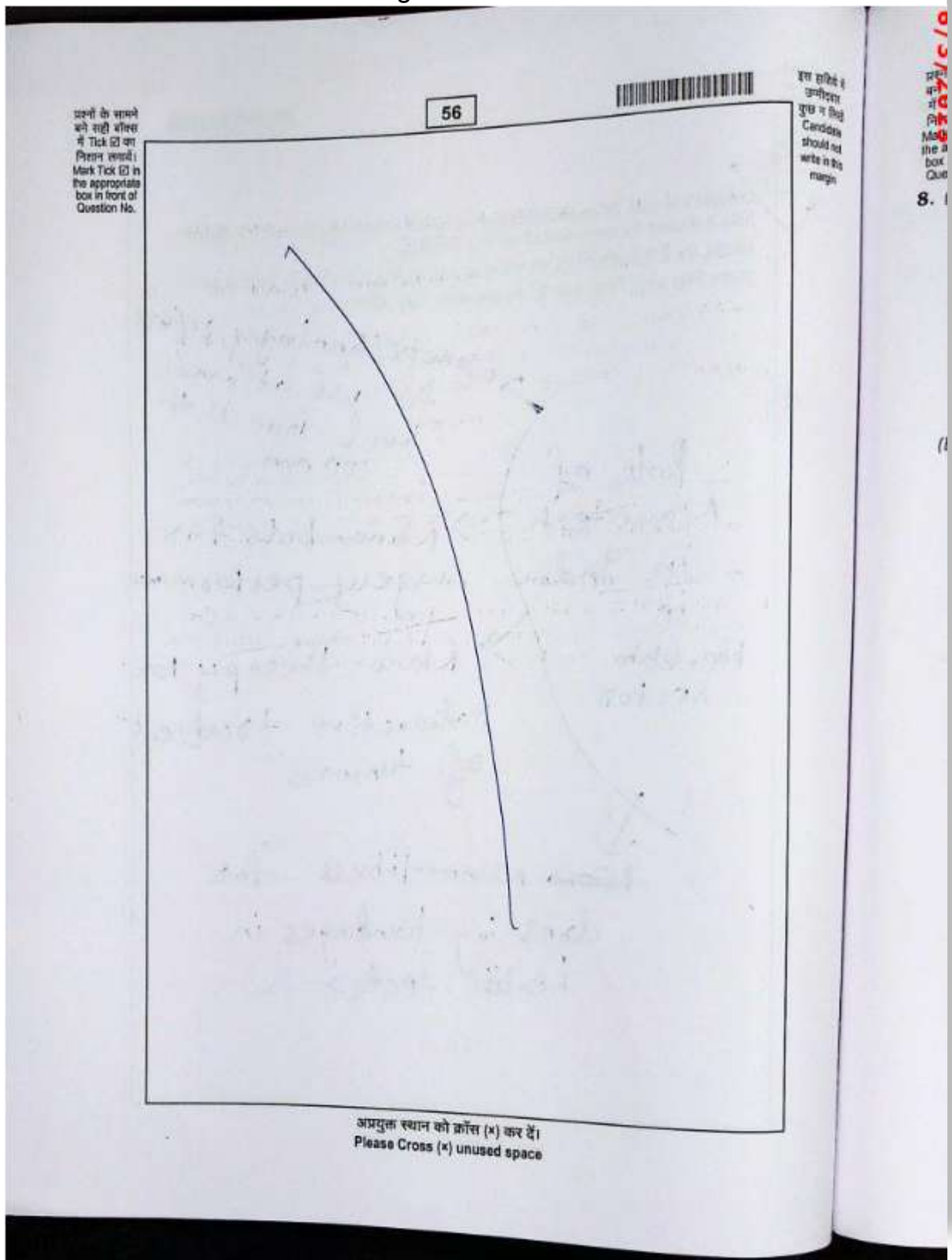
Nanotechnology refers
to use at nano
- level from 0 to
100 nm

Nano-bots for
surgery performance

Nano-therapy for
radioactive treatment
of tumors

~~Nano~~ Nano-fibres for
dressing bandages in
Health Sector

अप्रयुक्त स्थान को क्रॉस (X) कर दें।
Please Cross (X) unused space



प्रश्नों के सामने
दिए गये सही बॉक्स
में Tick (✓) कर
लिखान लगानी।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

8. (a) ☐

Along with the advancements in the field of computer and communication technology, India has faced severe data threat both in public and government domain. Discuss various areas of cyber threat and the measures taken by the Central Government in each of them with the help of existing technology. 36

संगणक एवं संचार प्रौद्योगिकी के क्षेत्र में प्रगति के साथ, आम जनजीवन एवं सरकारी तंत्र के परिक्षेत्रों में भारत डाटा-चोरी के गंभीर संकट से जूझ रहा है। डाटा-चोरी (साइबर थ्रेट) के उन विभिन्न क्षेत्रों की विवेचना कीजिए एवं इन सभी क्षेत्रों में केन्द्र सरकार द्वारा इसे रोकने के प्रयासों का वर्णन उपलब्ध तकनीकी संसाधन की सहायता से कीजिए।

Or / अथवा

(b) ☒

With the mission of providing potable water to every household on one hand and water scarcity on the face of growing population on the other, throw light on the role being played by the Indian Government for water conservation. Also discuss the scientific and technological developments which have been used by the State of Bihar in fulfilling the objectives of the Central Government. 36

एक तरफ प्रत्येक परिवार को पीने-योग्य जल की उपलब्धता का उद्देश्य एवं दूसरी तरफ बढ़ती आबादी के कारण जल की कमी को ध्यान में रखते हुए, जल संरक्षण में भारत सरकार की भूमिका पर प्रकाश डालिए। साथ ही केन्द्रीय सरकार के उद्देश्यों की पूर्ति हेतु बिहार राज्य द्वारा अपनाये गये वैज्ञानिक एवं तकनीकी विकास की विवेचना कीजिए।

India is a water stressed country as 4% of water resources of world are available to 16% of global population (✓ India). Also 246 of India's river stretches are highly polluted. This highlights the water scarcity in India.

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इस स्थिति में
उम्मीदवार
कुछ न लिखें
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प्रश्नों के सामने
दिये गये बॉक्स
में Tick (✓) का
चिह्न लगाएँ।
Mark Tick (✓) in
the appropriate
box in front of
Question No.

58



इस हार्डिकॉपी में
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चिह्न लगाएँ।
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The Indian government is ~~as~~ providing potable water to every household through its various missions such as Jal Teeran Mission.

✓ Water scarcity in India is evident from following reasons ✓

→ There is huge growth of urban population

→ Due to varied climatic patterns, there is increase in drought months and decrease in monsoon in India

→ There is utmost non-availability of clean drinking water in India

Due to this water scarcity, people suffer from water borne ✓ diseases such as cholera

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दिए गए बॉक्स
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चिह्न लगाइए।
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इस हाकिम में
कमालीकरण
मुख्य न लिखें
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✓

Role by Indian Govt for water Conservation ✓

- Narmada Ganga mission to clean river Ganga and its adjacent villages
- Jal Teeman mission for interlinking of water conservation and environment protection
- Inter-linking of rivers to transfer surplus water to drought-affected regions. Eg:- Ken-Betwa Project
- Pradhan Mantri Krishi Sinchai Yojana for irrigation to farmers crops

✓

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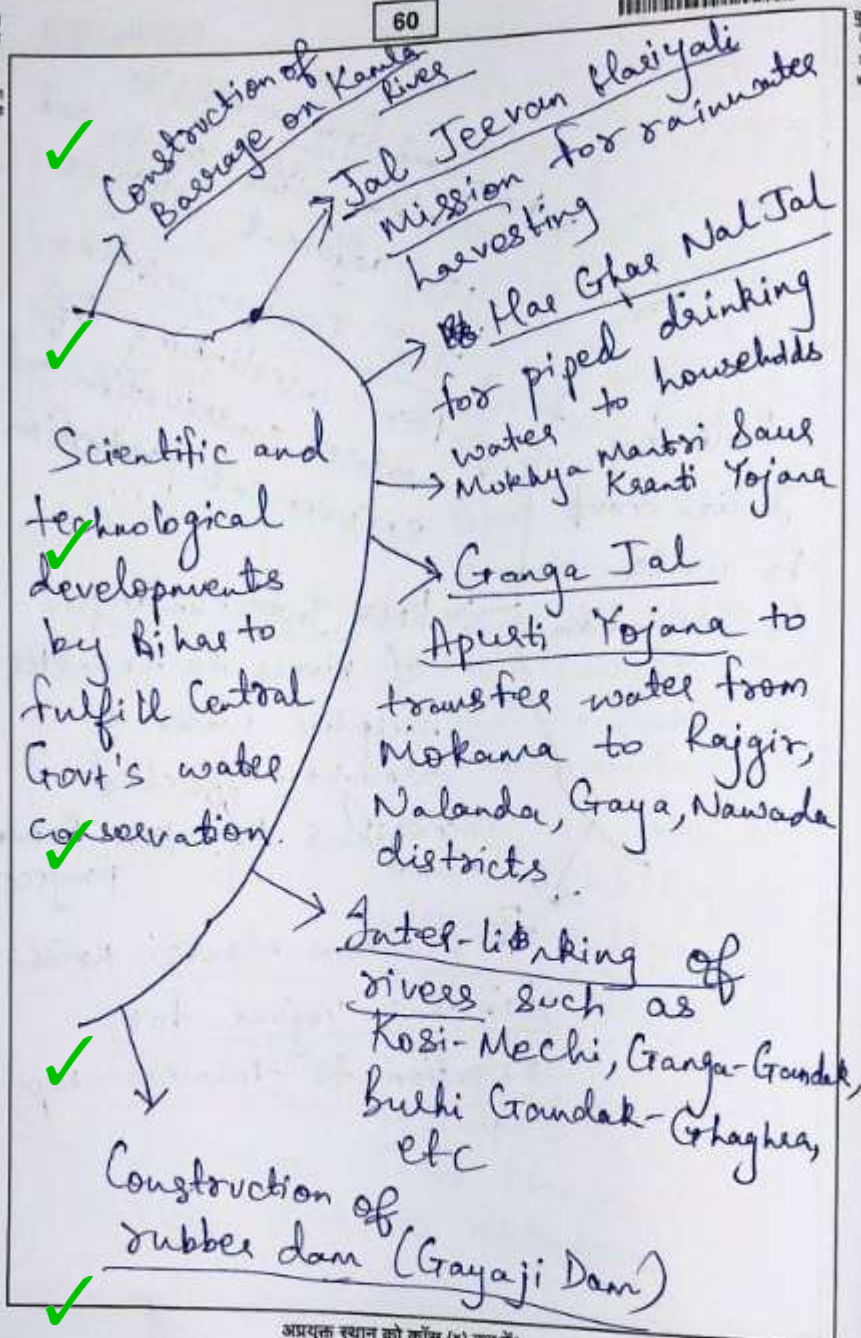
प्रश्नों के सामने
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Mark Tick (✓) in
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Question No.

60



इस हाथि में
उम्मीदवार
गुप्त न लिखें
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प्रश्नों के
सामने
दिए गये
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दिए गए सभी विकल्पों
में Tick (✓) का
निर्वाण लगायें।
Mark Tick (✓) in
the appropriate
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Question No.

61



इस हार्जिने में
कमीटर
बुल न लिखें।
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✓ Problems of
Bihar Govt's
water
✓ Conservation
Schemes

- Implementation challenges
- Environmental degradation
- Huge displacement of people

✓ Way forward
to strengthen
water conservation
in Bihar ✓

- Awareness about innovation in water conservation
- Environment Impact Assessment
- Providing clean water along with piped water.

✓

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प्रश्नों के सामने
दिए गये बॉक्स में
Tick (✓) का
चिह्न लगाएँ।
Mark Tick (✓) in
the appropriate
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Question No.

62



इस स्थान पर
उम्मीदवार
कुछ न लिखें।
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margin.

Hence, it is of immense
importance to develop innovative
✓ water conservation measures
by Bihar to help India
achieve SDG goals by
2030.

✓ 19 Q8 b

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