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Name of Candidate : Vishvjeet Singh Hoskar

Roll No. : PTTP220305

Registration Number : — Date of Examination : 19/8/23

Exam Centre : Old Rajinder Nagar ☐ Bhopal ☐ Online ☑

Test - 5

Code : TC075

MTS IGP Batch 2023

GENERAL INSTRUCTIONS

This Question-cum Answer (QCA) Booklet contains 56 pages. Immediately on receipt of the booklet, please check that this QCA booklet does not have any misprint or torn or missing pages or items, etc. If so, get it replaced by a fresh QCA booklet.

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.....

SUBJECT/PAPER
GENERAL STUDIES

Invigilator's Sign. : .....

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

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Evaluator's response

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(For filling by Examiners only)

Evaluator Code :

Q.No	Pg No.	Maximum Marks	Marks	Total
1	1			
2	3			
3	5			
4	7			
5	9			
6	11			
7	13			
8	15			
9	17			
10	19			
11	21			
12	24			
13	27			
14	30			
15	33			
16	36			
17	39			
18	42			
19	45			
20	48			
Grand Total				

Signature

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MACRO COMMENTS

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5. If you wish to cancel any work, draw your pen through it or write "Cancelled" across it, otherwise it may be evaluated.
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1. भारत को विदेशों से जोड़ने वाले प्राचीन व्यापारिक मार्गों ने संस्कृति के आदान-प्रदान और प्रसार में किस प्रकार योगदान दिया? (150 शब्दों में उत्तर दीजिए) 10 अंक

How did the ancient trade routes connecting India to foreign countries contribute to the exchange and dissemination of culture? (Answer in 150 words) 10 marks.

Ancient India had trade relations from west Asia to South East Asia.

Trade route leading to exchange & dissemination of culture

(1) Ancient Indus valley seals are found in Mesopotamia

(2) The silk route led to spread of Buddhism to China and Central asia

(3) Spread of Indian numerals via Arab merchants to Europe

(4) Impact of Central Asia on India can be seen by use of Kharoshi script in Ashoka pillar

(5) Gandhara Art is mix of Greek - Roman and central Asian sculpture Art fused with Indian Tradition.

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(6) Trade & Activities (under Chola Empire) led to spread of Indian culture to South East Asia

→ Thailand tradition rules are governed by Indian Smritis

→ Various temples such as Angkor wat is found here

(7) Ashoka sent Sangi Sanghamitra and Mahendra to spread Dhamma via 'Dakshinapath' ~~→~~ trade route to South.

Trade route have been a carrier of culture and ~~is~~ led to diffusion world wide

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2. भारत छोड़ो आंदोलन वर्ग विभाजन से परे एक जन आंदोलन था, लेकिन यह महिला नेतृत्व ही था जिसने स्पष्ट छाप छोड़ी। विश्लेषण कीजिए। (150 शब्दों में उत्तर दीजिए) 10 अंक

The Quit India movement was a people's movement cutting across the class divides but it was the women's leadership that left a clear mark. Analyse. (Answer in 150 words) 10 marks.

Quit India movement started in 1942 aimed to establish Independent India.

People's movement cutting accross Class divide

(1) large scale participation of peasants

(2) Participation of women from all class, caste, redigion

(3) Participation of worker initially was limited but later led to strikes at various places

(4) Participation of Business class and promotion of indegirious goods.

(5) Students quit government school and colleges

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(6) Participation from princely State was there but on limit scale

Women leader ship

(1) After arrest of all prominent leaders, Aruna Asif Ali presided over INC meeting, and hoisted Indian flag.

(2) Usha Mehta ran underground radio for congress workers

(3) Sucheta Kriplani to coordinate between various participating group.

(4) Other leader include, Nandini Devi, and Sashi Bala Devi.

Quit India movement proved to be last nail in coffin of British empire.

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Candida write on

3. स्वतंत्रता के पश्चात् के भारत की पहचान विज्ञान और प्रौद्योगिकी के क्षेत्र में इसकी उल्लेखनीय प्रगति रही है'। इस काल में हुए वैज्ञानिक विकास ने भारत को किस हद तक आधुनिकता के पथ पर अग्रसर किया?

(150 शब्दों में उत्तर दीजिए) 10 अंक

'The hallmark of post-Independent India has been its remarkable strides in science and technology'. To what extent did scientific development during this period put India on the path of modernity?

(Answer in 150 words) 10 marks

Post Independent India witnessed witnessed great scientific development which was absent under Britishers

Post Independance scientific development leading to modernity

(1) Establishment of Premier institutions like IITs, IIMs, AIIMS improved workforce quality

(2) Space technology under ISRO led to : (2.1) Introduction of E Television Networks.

(2.2) Communication networks

(2.3) ~~was~~ Studying climate and weather

(3) Green revolution made India self sufficient in ~~Grain~~ food security.

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(4) Information technology made India more urbanised and linked to global economy

(5) Nuclear energy program made India energy diversed country

(6) Improvements in Health care and scientific study of Diseases

(7) All these dispelled earlier super-stitions like human sacrifice concept of purity and pollution

Modernity still not complete

(1) presence of caste system in Nation

(2) still superstitions and mysticism rule mass

(3) illeteracy is rampant (17%) and medical care is incessible in rural areas.

~~Modern~~ Modernity in India has been a mixed result.

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4. अन्य क्षेत्रों में जल संकट की समस्या को हल करने के लिए नदियों को आपस में जोड़ने की व्यवहार्यता पर चर्चा कीजिए। (150 शब्दों में उत्तर दीजिए) 10 अंक

Discuss the feasibility of Interlinking rivers to resolve the issue of water stress in other regions. (Answer in 150 words) 10 marks

Water stress refers to non-availability of adequate quantity and quality water.

Role of Interlinking rivers to resolve water stress

(1) Interlinking of rivers aims to transfer water from surplus basin to deficit river basin. This will lead to

(1) Provision of adequate drinking water

(2) Prevention of drought in deficit region.

(3) Prevention of flood in surplus region.

(4) Recharge of ground water in non-deficit regions

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(6) Improvement of Irrigation facilities across the nation.

Challenges to river Interlinking

(1) Huge capital cost of the project

(2) submergence of large area which would lead to

2.1. high deforestation

2.2. loss of Biodiversity

2.3. Displacement of indigenous tribals.

(3) River surplus in water is low in Peninsula rivers.

(4) rivers change course every few centuries - make this project redundant in long run.

(5) Climate change would and melting glaciers would change flow of himalayan rivers

Interlinking should be pilot ~~tested~~ tested first on small tributaries.

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5. कोयला आधारित विद्युत संयंत्रों से नवीकरणीय ऊर्जा उत्पादन की ओर गमन का संरचनात्मक परिवर्तन कोयला समृद्ध राज्यों में मानव विकास को कैसे प्रभावित करेगा? (150 शब्दों में उत्तर दीजिए) 10 अंक

How will the structural shift from coal-based power plants to renewable energy generation impact human development in coal-bearing states? (Answer in 150 words) 10 marks

India Aims to generate 50% of energy by ~~zero~~ renewable sources by 2030

Impact on human development of coal bearing states

Negative

↳ loss of livelihood to workers with closure of power Plants

↳ Development deficit of region as they get funds from District mineral foundation fund as of now

↳ Slow development of Human capital in absence of new school and hospitals.

↳ Already poor quality of soil will force migration to other region in search of work.

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(6) loss of autonomy & revenue to tribal gram panchayats over minor mineral lease

Positive impact

(1) Improvement in Air & water quality

(2) Improvement in quality of food free from heavy metals (due to soil pollution)

(3) transition to other works by skilling under PM Kaushal Vikas yojana

(4) Improved health indi. of workers espically lung health. (cardiovascular)

(5) Protection of tribal culture and reduced displacement due to mining.

Mining lead to both positive as well as negative socio. outcomes.

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6. तापमान और वर्षण किस सीमा तक मृदा के गुणधर्मों को निर्धारित करने वाले सबसे महत्वपूर्ण कारक हैं?
(150 शब्दों में उत्तर दीजिए) 10 अंक
To what extent temperature and precipitation are the most important factors that determine soil properties?
(Answer in 150 words) 10 marks

Soil refers to the top most layer of the crust.

I. **Role of Temperature in soil formation**

(1) Impacts on rate of formation by

1.1. Weathering is increased with increased diurnal temperature range

1.2. It also affects biological activity, such as respiration, metabolism and survival of small animals. These help in breaking of rocks.

(2) Humus content is also dependent on temperature due to change in rate of decomposition.

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(5) Indirect impact on nitrogen, phosphorus and water cycle leads to change micronutrient profile.

Role of ~~water~~ precipitation

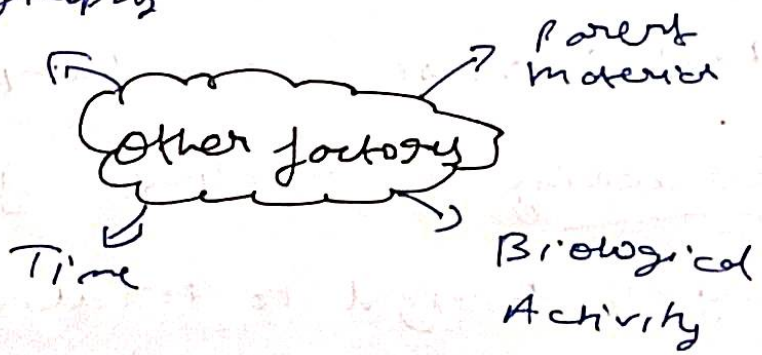
(1) Increases weathering of rock.

(2) Brings (transport) of unconsolidate mass of rock debris

(3) Role in Biological activity which increases with precipitation

(4) Promotion of Plant growth which by root growth growth changes soil profile.

Topography



Soil is the most useful natural resource which is formed over thousand of years.

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7. अरब सागर में प्रचंड और तीव्र चक्रवात एक नियमित घटना क्यों बनते जा रहे हैं? उदाहरणों सहित सिद्ध कीजिए। (150 शब्दों में उत्तर दीजिए) 10 अंक

Why are severe and intense cyclones becoming a regular phenomenon in the Arabian Sea? Substantiate with examples. (Answer in 150 words) 10 marks

In past two decades Arabian sea witnessed rise in intensity and frequency of cyclones

Causes of rise in cyclone

(1) Rise in average sea surface temperature of Arabian sea lead to easy formation cyclones.
E.g. Cyclone Biparjoy

(2) Effect of positive Indian ocean dipole and El nino which increase sea temperature

(3) Recurving of cyclones from bay of Bengal to Arabian sea
E.g. Cyclone Ockhi.

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(4) lack of → stability of winds over arabian sea further increase cyclongenesis

(5) Arabian sea already had other necessities :

5.1. Presence of coriolis force

5.2. Presence of low pressure zone (espically during ITCZ)

To ded with Impact of cyclones

1. Use bio shield of mangrove
2. Create safe structures
3. Capacity building among locals.

Climate Change has increased intensity of all natural disasters.

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8. भारत में सांस्कृतिक विविधता के संदर्भ में, क्या हम शेष भारत की तुलना में दक्षिणी राज्यों को विशिष्ट सांस्कृतिक इकाइयों मान सकते हैं? अपने दृष्टिकोण के औचित्य को सिद्ध कीजिए। (150 शब्दों में उत्तर दीजिए) 10 अंक
In the context of cultural diversity in India, can we consider Southern states as distinct cultural units in comparison to the rest of India? Substantiate your view. (Answer in 150 words) 10 marks.

India is considered a culturally diverse nation.

South India as ~~distinct~~ distinct cultural unit

(1) Language of South India belong to Indo Dravidian family

(2) Cuisine is largely dominated by rice based food like idli, Dosa, etc.

(3) Temple architecture has ~~distinct~~ Dravadian style

(4) Clothing is still traditional with limited western Impact.

(5) Geographically it has ~~distinct~~ tropical climate throughout year

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(6) Music is Carnatic while Carnatic North has Hindustani

Southern states cannot be called distinct from rest of India

(1) Diffusion of Northern culture to south and vice versa.
Eg. Availability of Dosa, Idli in Delhi

(2) Festival are similar woven around crop cycle
Eg. Pongal and Baisakhi

(3) Rice based ~~crops~~ food are ~~found~~ found in eastern India as well

(4) Religion wise composition is similar to rest of India.

(5) Mythological stories such as Ramayan and Mahabharat are similar

Hence it is distinct in some ways and similar in others.

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9. गरीबी और जनसंख्या वृद्धि एक दुष्चक्र में फँसी हुई है, जहाँ गरीबी व्यक्तियों की इस चक्र से मुक्त होने की क्षमता को सीमित करती है, जबकि जनसंख्या वृद्धि संसाधनों पर दबाव डालती है। विवेचन कीजिए।

(150 शब्दों में उत्तर दीजिए) 10 अंक

Poverty and population growth are locked in a vicious cycle, where poverty restricts individuals' ability to break free from the cycle, while population growth strains resources. Discuss.

(Answer in 150 words) 10 marks.

India is the most populous nation with poverty rates around 30% of population being BPL.

Poverty restricting individual ability

(1) Lack of access to education forces low skill job.

(2) High number of children leads to more working members and hence incentivise population growth.

(3) Non-accessibility to contraceptive devices

(4) Huge out of pocket expenditure on health due to low nutrition

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(5) limited Access to other resources such as clean water and sanitation

Population growth strains resources

(1) Limited access to natural resources such as minerals, forest produce and food.

(2) Reduce state's ability to provide social security.

E.g. PM-KUSUM provides just 6000 ₹/year to farmer, but cost over 1 lakh crore ₹ to government.

(3) Limit seats of education institutions and large expansion dilutes quality.

Growth of slums in Urban areas due to high land cost.

Poverty and population growth are twin evils of 21st century India.

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10. शिक्षा के अंतर्राष्ट्रीयकरण में भारत के पास एक समृद्ध विरासत है। इस संदर्भ में शिक्षा के अंतर्राष्ट्रीयकरण पर हाल ही में दिया जा रहा बल समाज को कैसे प्रभावित करेगा और सांस्कृतिक आदान-प्रदान को कैसे बढ़ावा देगा?

(150 शब्दों में उत्तर दीजिए) 10 अंक

India has a rich heritage in the internationalization of education. In this context how will the recent push for the 'internationalization of education' impact society and foster cultural exchange?

(Answer in 150 words) 10 marks.

India had Taxila, Vikramshila and Nalanda as international center of education in Past.

Impact of NEP 2020 on policy of internationalisation of Education

Positive Impact on society

(1) Promote higher quality of education due to diffusion of Best practices and competition

(2) Created focus on humanities and issues of gender issues

(3) Promote global standing & migration of Indian working class

Impact on culture

(1) Promotion of cultural diversity in India

(2) Greater tolerance spirit among

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Indian students.

(3) Development of cultural soft power such as yoga

(4) ~~-~~ Modernisation of Indian Tradition such as ~~Eolou~~ safe holi. (with natural colours)

Negative impact on society

(1) Economic divide due to higher fee (as it is not regulated by government)

(2) Greater elite sky requirement. due to limited access

~~(3) Disrepl~~ (3) Destabilize or create tension due to divergence of culture E.g. French culture do not restrict Blasphemy.

Negative impact of culture exchange

↳ Erosion of Indian values

↳ ~~Mono~~ Homogenous western culture ~~profit~~ promotion.

Internationalisation of Education is double Edge sword.

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11. यद्यपि गान्धार और मथुरा कला के बीच कई अन्तर थे, तथापि इन दोनों ने अमरावती कला शैली (अमरावती स्कूल ऑफ आर्ट) को पर्याप्त रूप से प्रभावित किया।' सविस्तार वर्णन कीजिए। (250 शब्दों में उत्तर दीजिए) 15 अंक

'Although there were many differences between the Gandhara and Mathura art, they considerably influenced the Amravati school of art.' Elaborate. (Answer in 250 words) 15 Marks

The Ancient India witnessed various art forms espically in sculpture making around Buddhism.

Diyference between Gandhara and Mathura art

Gadhara	Mathura
(1) Influence of Greek - Roman and central asia	(1) ~~Integ~~ Integrious development
(2) Found in the North western part of Present Pakistan	(2) Found in areas of western U.P. (Present, (Indo - gangetic) plains
(3) Buddha shown in appollo like features	(3) Buddha shown in with display of emotion on face

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Gandhara	Mathura
(4) only Dealth with Buddish	(4) Included Buddhism, Jainism and Hinduism
(5) Use of grey sand stones	(5) Use of white spotted red sand stones in mathura Art

Influence of Amravati school of Art:

(1) Profound use of Halo just like Gandhara and Mathura school

(2) Buddha show in Human like features just like mathura and Gandhara

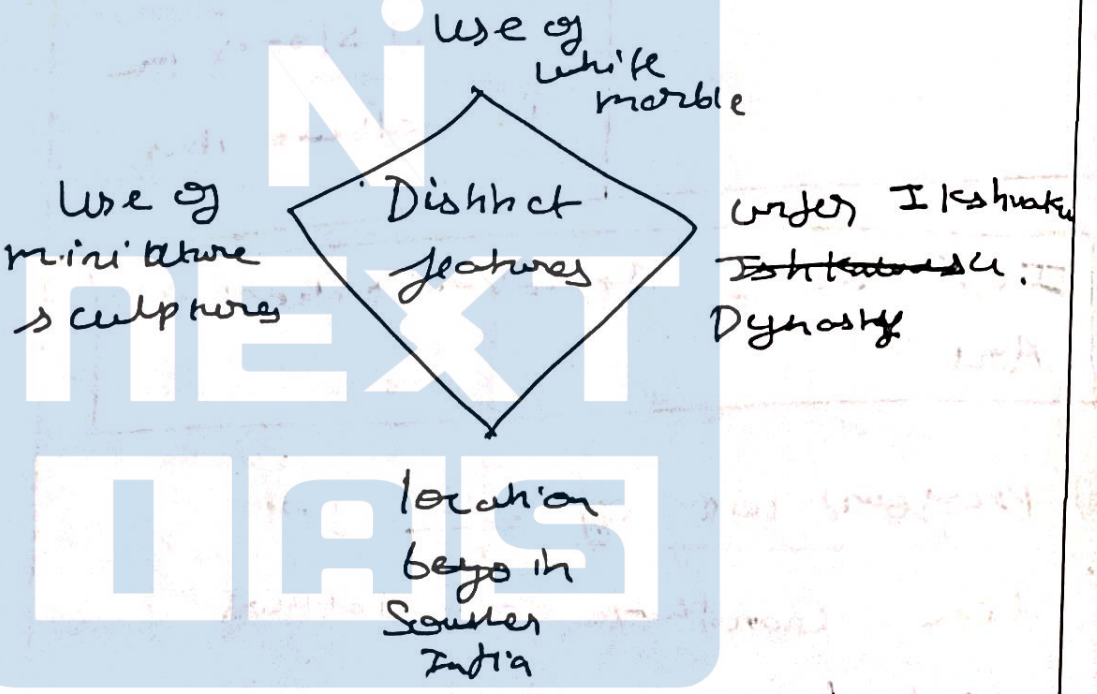
~~(3) Use of~~

(3) Presence of secular themes is also found like mathura school.

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(4) Buddha show in Mudra's like in Mathura school

(5) Use of motifs like Bodhi tree is inspired from Gandhara school



India had a rich sculpture history

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12. 'इंग्लैंड की औद्योगिक क्रांति ने न केवल आर्थिक परिदृश्य को बदल दिया बल्कि इसके दूरगामी सामाजिक और सांस्कृतिक प्रभाव भी पड़े'। विवेचना कीजिए। (250 शब्दों में उत्तर दीजिए) 15 अंक

'England's Industrial Revolution not only transformed the economic landscape but also had far-reaching social and cultural impacts'. Discuss. (Answer in 250 words) 15 marks

Industrial revolution refers to use of machines (inanimate source of power) in means of production.

Transformation of Economic landscape

(1) Decline of feudal ~~st~~ estate system

(2) Rise of factory system of production

(3) Changed workforce from agriculture to industrial

(4) Increased efficiency of production and reduced cost of production

(5) Promoted mercantilism way of trade with colonies.

(6) Increased Urbanisation of area. and p

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Social Impact

(1) Rise in status of women in family due to nuclearisation of families.

(2) Increased absolute poverty as workers depend on market for food now.

(3) Rise of slums in Urban areas

(4) Increase of petty crimes and white collar crimes

(5) Breakage of feudal lord-sery relation.

(6) Rise of working class population and trade Unionism in the Europe

(7) Increased economic inequality

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between bourgeoise and proletariat

Ex: **Cultural Impact**

(1) Decline in role of religion (Church) in social life

(2) Decline in role of family in Education and economic placement

(3) Rise of Reinassance and liberal literature like Rousseau, montesque and locke

(4) Rise of individualism over collectivism

(5) Rise of spirit of Nationalism to get maximum benefit out of Industrial revolution via mercantilism and colonism

Industrial revolution was a Key ~~moment~~ movement in world history.

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13. उन्नीसवीं सदी में पिछड़े पारंपरिक तत्वों और औपनिवेशिक संस्कृति के आधिपत्य के खिलाफ सामाजिक सुधार और वैचारिक संघर्ष ने एक विशिष्ट सांस्कृतिक पहचान और राष्ट्रीय चेतना के उद्भव को कैसे प्रभावित किया?
(250 शब्दों में उत्तर दीजिए) 15 अंक

How did the social reform and ideological struggle against the backward traditional elements and hegemony of colonial culture in the nineteenth century influence the emergence of a distinct cultural identity and national consciousness?
(Answer in 250 words) 15 marks.

Indian Nationalism was result of both Exogenous and Endogenous forces

Impact of social reform in national consciousness and ~~distinct~~ distinct identity

(1) Bought Board base sections to National movement.

1.1. ~~Gandhi~~ Gandhi's Vision sevak sangh bought every cast ~~together~~ together

1.2. Efforts of Brahmo Samaj led to inclusion of women in national struggle by empowering them

(2) ~~Rise of~~ Efforts of Aligarh school of Sir ~~Syed~~ Syed Ahmad Khan

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led to increased modernisation of muslim community.

(3) ~~Erode~~ Reformation of Sikh Shrine administration after Jalianwala massacre instilled distinct national consciousness in Punjabi region

(4) Role of divisive politics to get greater share of scare resource such as by Ali Jinnha led to ~~go~~ communal identity & consciousness

(5) Tribal sanskritisation movement partially brought tribals in mainstream society.

Impact of colonial Hegemony

(1) Improved means of communication by railway & Telegraph Unified the nation

(2) Western education instilled rise of rational thinking

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(3) Economic drain and political subjugation unified Indians against such practices

(4) To challenge white man supremacy, Indian ~~glorious~~ glorifying history and this served as basis of national identity.

(5) Challenge to British policies such as excessive land taxation and salt tax.

(6) Indian Nationalism developed in its modern form during the British rule.

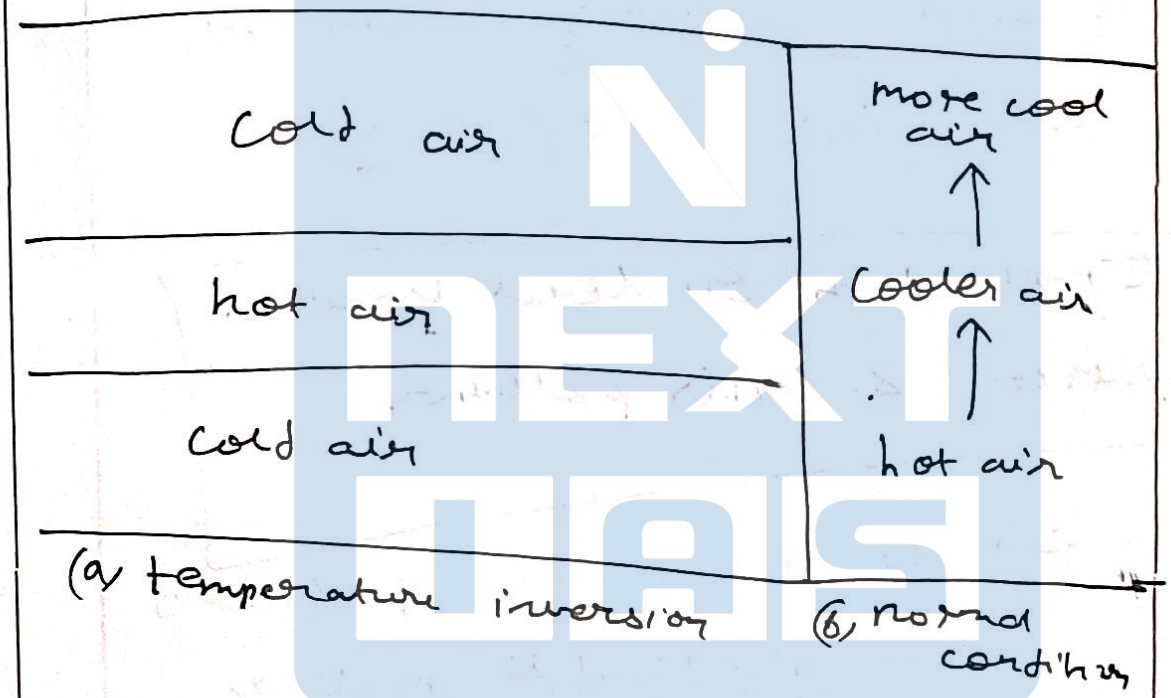
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14. तापमान व्युत्क्रमण वायुमंडलीय दशाओं को कैसे प्रभावित करता है और स्थानीय मौसम प्रतिरूप और वायु प्रदूषण स्तरों के लिए इसके क्या निहितार्थ हैं? (250 शब्दों में उत्तर दीजिए) 15 अंक

How does temperature inversion affect atmospheric conditions and what are its implications for local weather patterns and air pollution levels? (Answer in 250 words) 15 Marks

Temperature inversion refers to reversal of adia lapse (decrease) of temperature with ~~height~~ height.



affect on atmospheric conditions

(1) It reduces diffusion of air by limiting convectional current circulation of hot and cold air.

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(2) Reduced rainfall due to reduced cloud formation under inversion layer

(3) Reduces temperature variation

(4) Promotes stability of air and ~~and~~ low wind (advection)

Implication on local weather pattern & Air pollution

(1) Reduced diffusion of pollutants such as particulate matter

(2) Reduced visibility in the atmosphere due to formation of fog and smog which use dust particles as hygroscopic centers

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(3) Protect Val mountain plants from frost bite at the same time increase frost bite of valley plants.

(4) Reduced rainfall and low wind movement

(5) Overall increased air pollution lead to increased cardiovascular diseases, and reduced plant growth.

Temperature inversion represents unique atmospheric phenomenon majorly found in mountain region.

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15. भारत में मैंग्रोव वनस्पति के लिए कौन से भौगोलिक कारक उत्तरदायी हैं? जलवायु परिवर्तन भारत में मैंग्रोव वनस्पति के लिए किस प्रकार खतरा उत्पन्न करता है? (250 शब्दों में उत्तर दीजिए) 15 अंक

What are the geographical factors responsible for mangrove vegetation in India? How does climate change pose a threat to mangrove vegetation in India? (Answer in 250 words) 15 Marks

Mangrove refer to salt water tolerant species of plants found in coastal area.

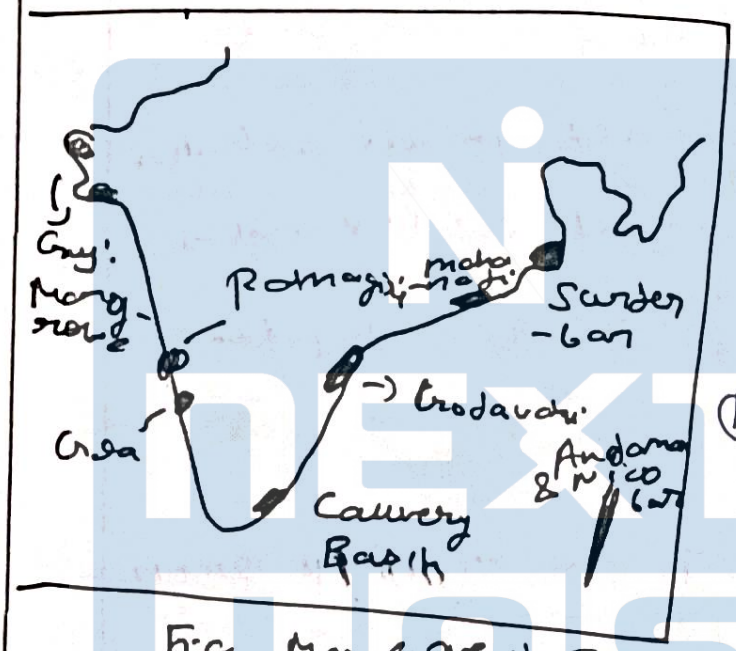


Fig. Mangrove in India

Geographical factors for mangrove forest in India.

(1) Huge coast line of India (7500 km)

(2) Formation of tides to bring nutrients via upwelling

(3) Huge sediment load in river delta region promote growth of mangrove forest.

(4) Availability of fresh water in

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the Delta region ~~should~~ further promote mangrove growth

(5) large ~~to~~ ~~continental~~ continental shelf of Eastern coast provide more scope with reduced water depth.

(6) Tribal population living in harmony with mangrove and not leading to land conversion

~~(7) Construction~~

Impact of climate change on mangroves

(1) Rising sea level will lead to submergence of existing mangroves.

(2) Increased disaster such as cyclone lead to deforestation of mangrove.
E.g. Recent cyclones in Odisha.

(3) Change in the river flow due to melting glaciers will lead to

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Changed sediment load.

(4) Lower productivity of land will force expansion of agriculture and deforestation of mangroves.

(5) Reduced resilience of mangroves

(6) loss of ~~trees due and~~ flora and fauna due change temperature (rise) will lead disturbance in mangrove ecosystem.

India ~~has~~ launched MSMT/ to for conservation of mangroves.

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16. चीनी उद्योग की अवस्थिति को प्रभावित करने वाले भौगोलिक और आर्थिक कारक कौन-कौन से हैं, और वे भारत और विश्व के विभिन्न भागों में इस उद्योग के विकास में किस प्रकार योगदान करते हैं?

What are the geographical and economic factors that influence the location of the sugar industry, and how do they contribute to the growth of the industry in India and different parts of the world?

(250 शब्दों में उत्तर दीजिए) 15 अंक
(Answer in 250 words) 15 Marks

Candidates must not write on this margin

India is one of the largest producer of sugar in world.

Factors influencing location of sugar industry

~~Econo~~ 1. Geographical features

(A) Raw material (Sugar) requires
1.1. High tropical temperature
1.2. Constant irrigation
1.3. Huge fertile soil
1.4 Crushing season of sugarcane is limited to summer in North but whole year in South.

Economical factors

(1) It is weight loosing material so - sugar mill should not be far from farms

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(2) Availability of transport for
2.1. transport of raw material
2.2. transport to market (domestic)
2.3. Ports to export

(3) Capital for setting up mill

(4) Cheap labour for farms (as it is labour intensive) and factories.

(5) Government concession policy of tax incentive, like SEZ, tax holiday, etc.

Contribution to growth in India

(1) Tropical & sub tropical climate ~~lead to~~

(2) Huge production of sugarcane Eg. U.P. has highest mills

(3) Presence of huge domestic markets. Eg. U.P, Rajasthan,

(4) Presence of Ports lead to

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export oriented mills in Maharashtra

6) Impact of colonial policy of ~~Pri~~ allowing mills only in big towns

Contribution to growth in words

(1) Brazil has tropical en Climate and huge sugarcane production

(2) Decline of cuban sugar industry due to:

2.1. Reduced availability of labours.

2.2. U.S. Economic embargo

(3) South East Asian Industry due to export oriented growth to Europe & North America

Sugar is vital product in Indian food basket

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17. शुष्क और अर्ध-शुष्क क्षेत्रों में जल की कमी को दूर करने और कृषि उत्पादकता को अधिकतम करने के लिए शुष्क-भूमि कृषि में उपयोग की जाने वाली मुख्य रणनीतियाँ क्या हैं? साथ ही, भारत में शुष्क-भूमि कृषि को बढ़ावा देने की आवश्यकता पर भी चर्चा कीजिए। (250 शब्दों में उत्तर दीजिए) 15 अंक

What are the key strategies used in dryland farming to overcome water scarcity and maximize agricultural productivity in arid and semi-arid regions? Also, discuss the need to promote dryland farming in India. (Answer in 250 words) 15 Marks

Dryland farming refer to crop cultivation in areas of low rainfall with little to no irrigation facility.

Key strategies used in dryland farming for crop cultivation

(1) Cultivation of less water intensive crops and drought resistant crops.
E.g. Millets in Rajasthan

(2) Reducing soil moisture evaporation by mulching of crop covers

(3) Use of old water storage method of Johad & Tankas

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(4) Control of weed growth to reduce water usage

(5) Use of natural fertilizer, peshicides and seeds as they require less water

(6) Use of Mixed farming of cultivation of crop & livestock rearing to provide income security and natural manure

(7) sowing according to ~~monsoon~~ monsoon time

Need to promote Dryland farming in India

(1) Reducing water availability in erstwhile water rich region Eg. Dark Blocks in Punjab.

(2) To promote crop & food basket diversification.

(3) Limited availability of ~~monsoon~~ irrigation facility

(4)

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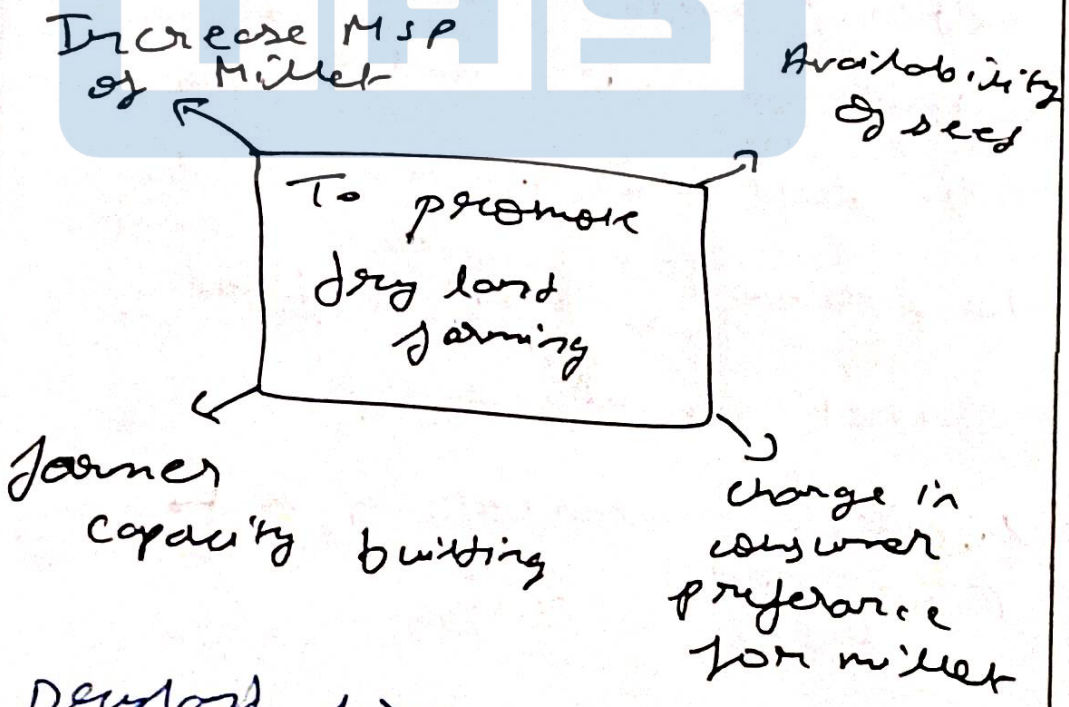
(4) growing vagarity of monsoon

(5) To promote climate change resilient agriculture

(6) Nutrition and security to the population by using millets.

(7) Increase farmer income and provide income stability.

(8) To promote export of agri-culture via millets



Dryland farming can be boon to Indian agri-culture

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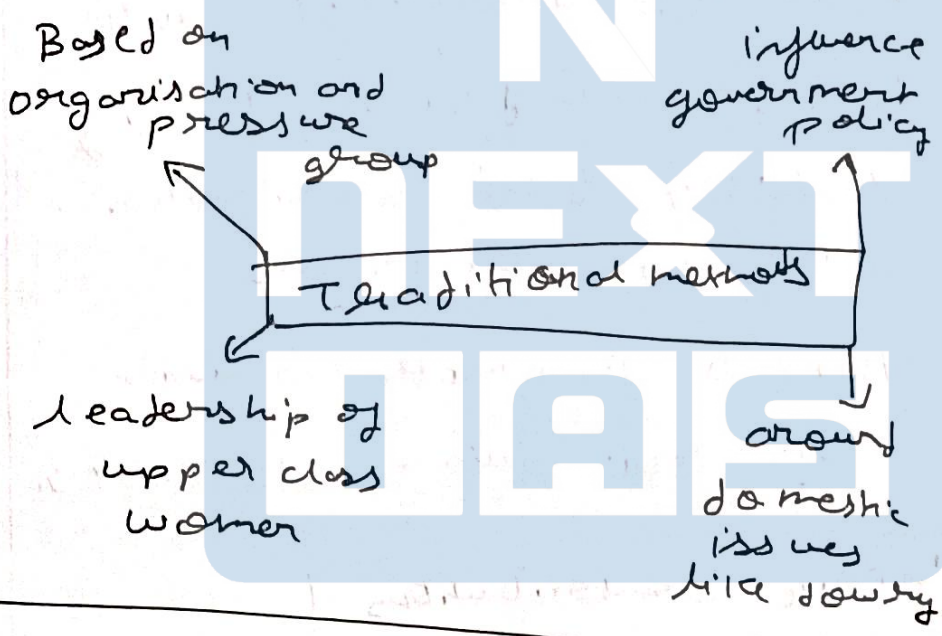
समकालीन महिला आंदोलन ने पारंपरिक पद्धतियों से परे विविध दृष्टिकोणों को कैसे सम्मिलित किया है? साथ ही, समकालीन महिला आंदोलन के अनूठे योगदान और चुनौतियों पर भी प्रकाश डालिए।

(250 शब्दों में उत्तर दीजिए) 15 अंक

How has the contemporary women's movement encompassed diverse approaches beyond traditional methods? Also, highlight the unique contribution and challenges of the contemporary women's movement.

(Answer in 250 words) 15 marks

Women movement started in 1920's in India and picked pace in 1970's and have undergone huge change.



Contemporary women movements and changed methods

(1) Change in nature of demand:
Now it include workplace equality, gender equality (Sabarimala case) and freedom of personal decision.

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(2) Aim to influence common public along with government

(3) use of technology such as social media during #Metoo movement

(4) Inclusion of globised voice such as various NGOs

(5) leaderless movement or multiple leaders or changing leadership based on situation not limited to upper class

(6) Aims to promote ~~Faisha~~ Jads Fair justice and equality.

Unique contributions

(1) Work place safety (POSH Act)

(2) Equality in employment like inclusion in NDA

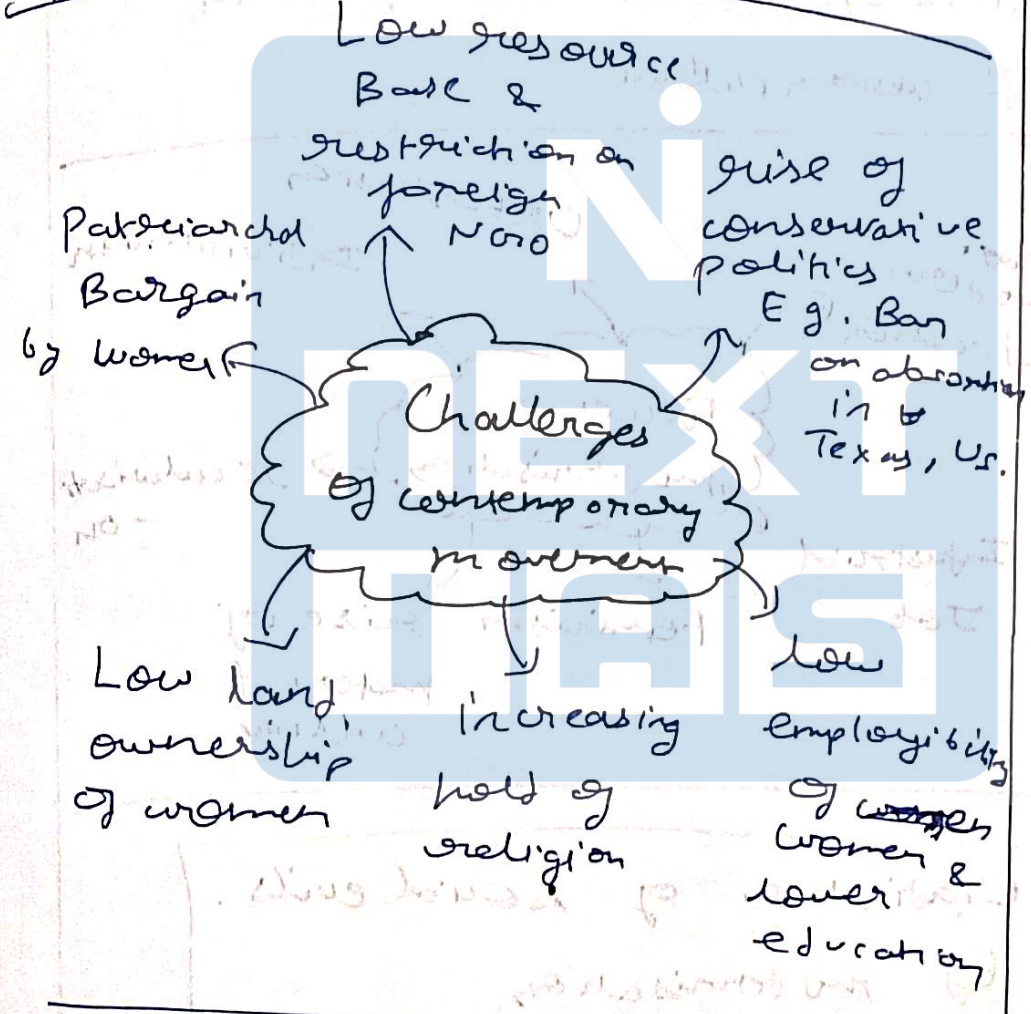
(3) Protective laws like Domestic violence, Dowry law.

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(4) Voice to voiceless women like #metoo movement.

5) Freedom & liberty like abortion law, right to marry, etc.



" Women Empowerment Today, for sustainable Tomorrow "

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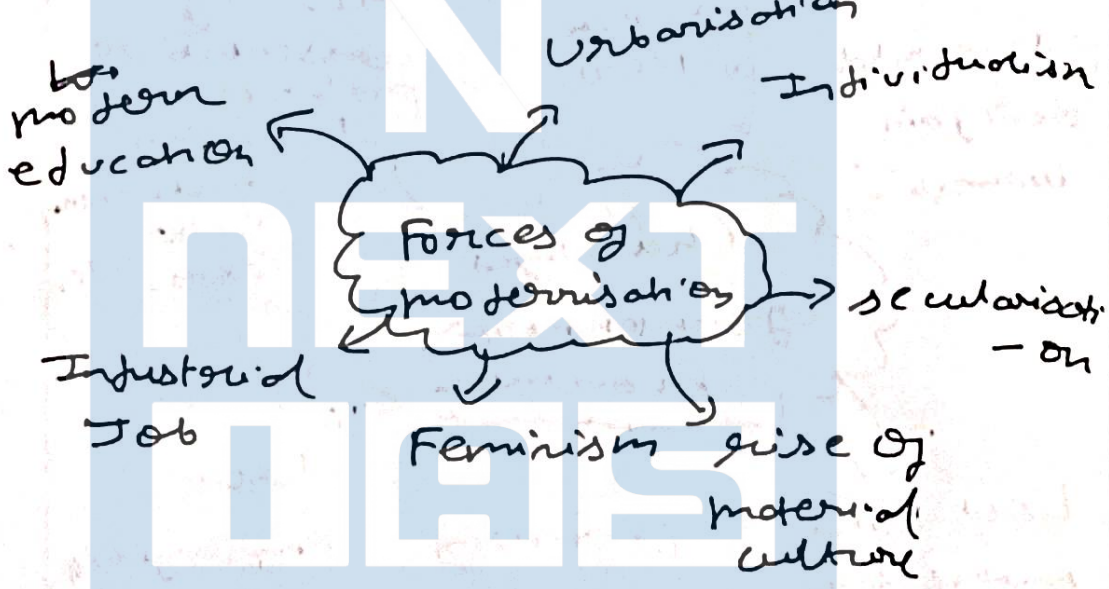
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19. क्या आपको लगता है कि आधुनिकीकरण की ताकतों, जिन्होंने भारतीय समाज में सामाजिक बुराइयों के उन्मूलन को उत्प्रेरित किया, ने हमारे सांस्कृतिक मूल्यों और लोकाचार को भी खतरे में डाल दिया है?

(250 शब्दों में उत्तर दीजिए) 15 अंक

Do you think that the forces of modernization that catalyzed the eradication of social evils in Indian society have also threatened our cultural values and ethos? (Answer in 150 words) 15 marks.

Modernisation refers to increase and ways use of rational thinking", currently it is often used with growth of western culture



Eradication of social evils by modernisation

(1) Removed practices such as SATI & reduced child marriage

(2) Women empowerment by increasing education and

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employment of women

(3) Decreased role of caste especially in Urban and industrial area

(4) promotion of equality of to all, liberty & fraternity.

(5) Removal of superstitious practices like human sacrifice

Threat to our cultural values and Ethos.

(1) Homogenisation of culture with western imitation

(2) loss of family value due to rise of nuclear family, and hostile culture

(3) Reduced social capital due to rise of Individualism

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Candidates write on this

A/ Loss of traditional art forms, crafts and to death of various languages (noted by UNESCO)

B/ Rise of materialism and blind pursuit of material wealth only
Eg. couple sold child to buy Iphone in Orissa

C/ Change in Dressing and cusine ka, Eg. use of Macdonalds, Jeans, etc.

Modernisation is not one way it has also traditionalised
E.g. Mac Maharaja Burger, celebration of yoga day, etc.

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20. भारत में राज्यों के संदर्भ में क्षेत्रीय विषमता और क्षेत्रीयता की भावनाओं के बीच संबंधों का मूल्यांकन कीजिए। क्या क्षेत्रवाद राष्ट्रवाद के विचार का विरोधी है?
(250 शब्दों में उत्तर दीजिए) 15 अंक

In the context of states in India evaluate the relationship between regional disparity and sentiments of regionalism. Is regionalism antagonistic to the idea of nationalism? (Answer in 150 words) 15 marks.

Regionalism refers to greater attachment to the region rather than whole to nation (or wider community)

Eg. Son of soil theory.

Relation between regional Disparity and sentiment of regionalism

(1) Economic backwardness leading to feeling of marginalisation
Eg. Demand of Jharkhand state

(2) Ethnic diversity also leads regionalism - Eg. Demand for greater Nagaland.

(3) Economic prosperity leads to regionalism to protect resources
Eg. Dravidian ~~movement~~ demand of lower weight to Population in tax devolution.

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4/ Sense of relative deprivation and cultural marginalisation
Eg. Demand for Tamil Nadu in 1950s

5/ Conflict over resource of region lead to regionalism.
Eg. Maharashtra & Son of soil against migrants.

Regionalism antagonistic to nationalism

(1) Religion demands take priority over national development.

(2) Can turn into secessionist movement.
Eg. Khalistan movement.

3/ Create division and conflict in society based on region.

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Eg. violence against Marwaris in Bengal

⊕ reduces feeling of nationalism and national identity.

Regionalism not antagonistic to nationalism

(1) Deepens federalism of India by respecting demand of all

(2) Promotes competition among states for improvement.

Eg. U.P. Targeting 1 trillion $ economy.

(3) Nations which neglected regional demand faced civil war. Eg. LTTE movement in Sri Lanka

⊕ It helps in resolving regional issues of development.

India is a unique example of successful existence of strong national & regional identity.