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NEXT IAS

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(To be filled by candidate)

Name of Candidate : Jaswant

NEXT IAS Roll No.: ..... Date of Examination : 02/09/23

Exam Centre : Old Rajinder Nagar ☑ Bhopal ☐ Online ☐

Test Code : TC009

Time Taken : _____

Program : FLT ☑ FLT+ ☐ SLT ☐ SLT+ ☐

MAIN TEST SERIES 2023

(TEST-9)

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.

Candidates must read the instructions on this page and the following pages carefully before attempting the paper.

Candidates should attempt the questions strictly in accordance with the instructions specified in the question paper and in the space prescribed under each question in the booklet. Any answer written outside the space allotted may not be given credit.

Question paper will be provided separately and can be taken by the candidates after conclusion of the exam.

.....

SUBJECT/PAPER
GENERAL STUDIES

Invigilator's Sign. : .....

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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

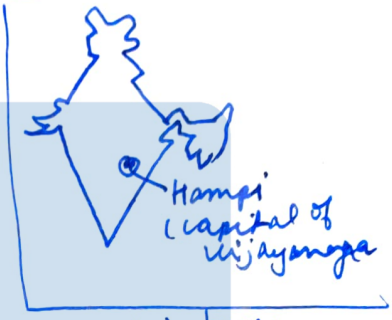
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1. कई विदेशी यात्रियों ने समय–समय पर विजयनगर साम्राज्य के बारे में अपनी टिप्पणियों को स्पष्ट रूप से प्रलेखित किया है, और इसके इतिहास के पुनर्निर्माण के लिए मूल्यवान स्रोत प्रस्तुत किए हैं। स्पष्ट कीजिए।
(150 शब्दों में उत्तर दीजिए) 10 अंक

Numerous foreign travellers have vividly documented their observations of the Vijayanagara Empire over time, offering valuable sources for reconstructing its history. Elucidate.
(Answer in 150 words) 10 marks

The Vijayanagara empire was founded in 1336 by two brothers Harihara and Bukka.



Foreign Traveller	Account of History
1) Abdul Razakh & came during Deva Raya II (1420-60) period	→ documented the construction of big temples (Virupaksha) → Military structure and strategies (Nayakas role)
2) Domingo Paes (Krishna Deva Raya (1501-1530) Time period)	→ Economic Activities ↳ Trade in horses, precious metals ↳ Local industries, Artcrafts flourishing → Relations with neighbouring Bahamani Kingdom.

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3) Duarte Barbosa

Social-Cultural

→ large-scale participation of women in all spheres.

→ Active migration into cities → cosmopolitan culture (Hampi, Penukonda)

4) Other Accounts

x) Chronology of the kings; lineage and legacy

x) Major wars & Battles
(eg) Talikota Battle

x) Literature and language promotion
(eg) Amuktmalyada, Telugu, Sanskrit promotion

In the medieval period, Vijaynagra empire had a rich cultural and economic history. The Battle of Talikota ended their supremacy and overtaken by Bahamani.

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2. 'आदि शंकराचार्य की विचारों के प्रतीत होने वाले अप्रासंगिक विश्वदृष्टिकोण को एकजुट करने में महत्त्वपूर्ण भूमिका थी।' इस संदर्भ में उनके दार्शनिक विचार और भारतीय दर्शन पर उसके स्थायी प्रभाव की चर्चा कीजिए।
(150 शब्दों में उत्तर दीजिए) 10 अंक

'Adi Shankaracharya had a profound role in uniting seemingly irreconcilable worldviews of thought'. In this context discuss his philosophical thought and its lasting impact on Indian philosophy.
(Answer in 150 words) 10 marks

Adi Shankaracharya was a Hindu saint from Kerala in the 7th century C.E.

Philosophical thought of Adi Shankara

1) Advaita - Vedanta (Non-Dualism)
   - ↳ The god (~~creator~~) and the world (his creation) are one.
   - ↳ Through active meditation one can overcome darkness and move towards light.
   - ↳ Focussed on reasoned thought, observation to remove biases and false knowledge
   - ↳ Against excessive ritualization
   - ↳ Promoted free debate
   - ↳ Religion and spirituality made individualized effort.

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Lasting Impact on Indian Philosophy

1) united the disparate Hindu philosophical tradition and thought schools.

2) Revival of Hinduism with setting up of 4 mathas in 4 corners of India.

3) Advaitvada of Adi Shankara inspired the Bhakti leaders like Ramananda (Vishishtadvaitvada school) in later period.

4) Presented the essence of Hindu philosophical thought and won over Buddhism and Jainism leaders in Shashtrath.

The role and contribution of Adi Shankara is immense on both philosophy and larger cultural movements.

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3. क्या आप इस बात से सहमत हैं कि जाति समस्या पर डॉ. बी आर अंबेडकर का दृष्टिकोण सामाजिक से अधिक राजनीतिक था? साथ ही सामाजिक सुधार के उद्देश्य से किए गए उनके प्रयासों पर भी प्रकाश डालिये।
(150 शब्दों में उत्तर दीजिए) 10 अंक

Do you agree that Dr BR Ambedkar's view of the caste problem was more political than social? Also highlight his efforts aimed at social reform.
(Answer in 150 words) 10 marks

Being born in a lower caste (Mahar), Ambedkar had both academic as well as real lived experience to shape his views on caste.

Caste Problem more political: Views

1) Asked for greater political representation [eg Separate electorates before Poona Pact]

2) Viewed caste as an axis for mobilization of dalits to enhance political empowerment

3) Caste is a powerful institution affects education, jobs, social mobility → required a political engagement.

4) Caste prevented true solidarity and against political fraternity idea of one vote - one value.

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Caste as Social Evils
- → Idea of "purity and pollution"
- → Curbs on Inter-caste marriage, Inter-caste dining.
- → Base - Structure of Hindu religion

Efforts at Social Reform

1) Mahad Satyagraha → to enhance access to public water resources.

2) Set up Bahishkrit-Hitkarini sabha to alleviate suffering of Dalits and increase access to services

3) Founded Mooknayak (a daily) to give Dalits platform for raising their issues

4) Set up political organization (Indian Labor party, All India Dalit Federation) to enhance participation

Dr Ambedkar was one of the pioneers and guiding light in anti-caste movement

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4. विश्व के महासागरों के विभिन्न क्षेत्रों में समुद्री लवणता किस प्रकार भिन्न होती है, और इन विविधताओं में कौन से कारक योगदान देतें हैं? (150 शब्दों में उत्तर दीजिए) 10 अंक

How does oceanic salinity vary across different regions of the world's oceans, and what factors contribute to these variations? (Answer in 150 words) 10 marks

Ocean Salinity is an important marine factor affecting meridional ocean current circulation on earth affecting heat balance

Ocean Salinity variation : Regions of the World

1) Polar regions (Arctic and Antartic) have higher salinity

2) Tropical and sub-tropical regions have relatively low-medium salinity

3) Temperate regions have higher salinity variation with coastal (east west differences).

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Factors contribute to variation

1) Latitude of region ; (Lower latitude receives higher sunlight, faster and more heating of water)

2) Fresh water through perennial rivers reduce salinity
(eg) Bay of Bengal

3) Ocean currents (mixing of hot and cold currents) affect salinity balance

4) Precipitation (Rainfall higher in equatorial regions → low salinity)

5) Climate change led faster melting of glaciers and ice sheets → changing salinity balance in Arctic.

Ocean salinity influence water movements and phenomena like fronts, cyclones etc.

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5. बंगाल की खाड़ी और हिंद महासागर में भारतीय द्वीपों की उत्पत्ति की व्याख्या कीजिए।

(150 शब्दों में उत्तर दीजिए) 10 अंक

Explain the origin of Indian islands in the Bay of Bengal and the Indian Ocean.

(Answer in 150 words) 10 marks

The Indian islands in Bay of Bengal and Indian Ocean are formed with the movements of tectonic plates

Origin of Indian Islands

1) Convergent plate boundaries formation, where denser continental plate gets subducted under a lighter oceanic plate.

2) The convergent boundary of tectonic plates movement started with Indo-Australian and Eurasian plate movement.

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6. भारत के भूजल संकट में योगदान देने वाले कारकों और देश में कृषि और जल सुरक्षा पर इसके प्रभाव की जाँच कीजिए। (150 शब्दों में उत्तर दीजिए) 10 अंक

Examine the factors contributing to India's groundwater crisis, and its implications for agriculture and water security in the country. (Answer in 150 words) 10 marks

India with 18-1. of world population has only 4-1. access to global fresh water sources.

Factors contributing to Groundwater Crisis

1) Unsustainable agricultural practices

(eg) Growing of paddy in Punjab, Haryana led to creation of dark zones.

2) Rising population of cities has added to water stress

3) Industrialization in water deficit regions

(eg) Coca Cola plant in Kodaikanal

4) Pollution (land, water) → untreated effluents → spoils water source

5) Demand mis-management

6) Governance factors → no water tariff leads to misuse.

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Implications: Water crises

A) Agriculture

1) 52% of cultivated area is rain-dependent.

2) Poor irrigation access leads to low productivity and output

3) Endangers food security.

4) Effect on livestock and other allied activities

B) Water security

1) 600 mn people in India facing water stress (NITI Aayog)

2) Rise in Inter-state water conflicts.

3) Economic growth, urbanization sustainability effected.

Way forward

1) Rathin Shah committee → Green-Blue Infrastructure
→ Rain water harvesting

2) Climate-resilient Infra

3) Demand management (Recent misses)

4) Supply Augmentation (Treatment of water, Revitalize water Bodies)

Water security contributes to strategic autonomy. SDG (Goal 6) Water security of All to be ensured.

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7. वर्तमान वर्षों में, जीर्ण व तीव्रगामी प्रवृत्ति और राष्ट्रीय सुरक्षा को कैसे प्रभावित करती है?
(150 शब्दों में उत्तर दीजिए) 10 अंक

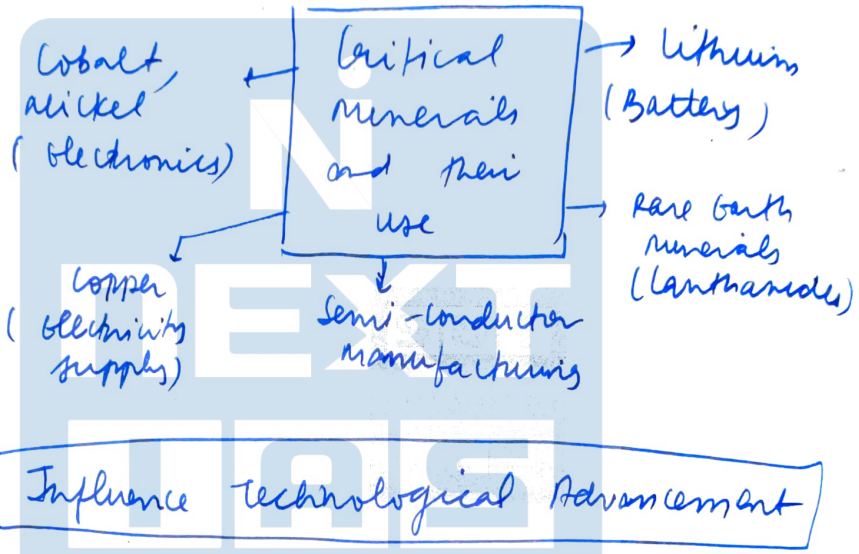
What are critical minerals, and how do they influence technological advancement and national security?
(Answer in 150 words) 10 marks

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Q7

Critical Minerals are those that form the vital part of industries in manufacturing finished good.



Influence technological Advancement

1) New Age technologies (AI, Blockchain) require higher computing capacity.

2) Internet of things require safe and robust access to electronic goods, accessible to all (smartphones, smart meters)

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3) Production of e-vehicles, (access to cobalt, nickel)

4) Superior Battery storage and efficiency (Lithium)

Influence National Security

1) Militarisation of trade by China, restricting supply of rare earth metals.

2) Indigenous manufacturing of electronic components required
(eg) (Huawei sanctions on components)

3) Production of superior Defence goods
(eg) (Drones, missiles)

4) Creation of Nuclear reactors (Uranium supply)

Way forward

↳ trade pacts with like minded nations (USA)

↳ supply chain resilience initiative.

↳ long term agreements for consistent supply (eg Chile for lithium)

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8. भारतीय समाज के भीतर बहुलवाद को बढ़ावा देना राष्ट्र–निर्माण के प्रयास में कैसे योगदान देता है?
(150 शब्दों में उत्तर दीजिए) 10 अंक

How does fostering pluralism within Indian society contribute to the endeavour of nation-building?
(Answer in 150 words) 10 marks

India society is like tapestry that is woven with different threads of various religion, language and ethnicity since time immemorial.

Fostering Pluralism → Nation Building

1) Promotion and celebration of culture of minority groups → Enhance sense of security and confidence → Create participation

2) Ensure protection of local ethnicity and tradition

(eg) BODO Accord promoted peace in Assam

3) Local language protection of tribals, enhance their mainstreaming

(eg) Efforts of Odisha Govt. (Tribal culture centres)

4) Remove any greivance and feeling of domination with

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equal respect and dignity

5) Pluralism brings resilience and strength to society

(eg) Role of Gurudwaras in relief efforts during COVID.)

6) Pluralism check against Communalism, Xenophobia

7) Promotion of feeling of fraternity, common brotherhood → safe migration

Ways to foster Pluralism

1) Programmes of "Ek Bharata Shreshta Bharat"

2) Mainstreaming of marginalized (eg Nai Roshni (Scheme for Muslims)

3) Organising festivals (eg Hornbill festival)

4) Platforms for greater connect and exchange (eg Yadi Mahotsav.

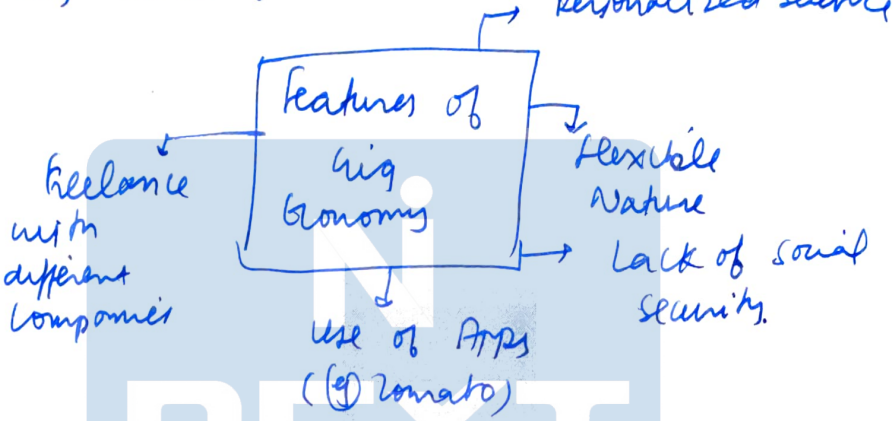
Diversity in India contributes to soft power and contribute to National interest

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9. उभरती गिग अर्थव्यवस्था के कारण श्रमिक वर्ग को जिन समस्याओं का सामना करना पड़ रहा है, उनकी बदलती प्रकृति की चर्चा कीजिये। (150 शब्दों में उत्तर दीजिए) 10 अंक

Discuss the changing nature of problems the working class is facing due to the emerging gig economy. (Answer in 150 words) 10 marks

According to NSSO survey, more than 40% of new jobs are created in the Gig Economy.



Changing Nature of Problems of Working Class

1) Lack of collective Bargaining Power
   - e.g. No provision or scope of Trade Union formation

2) Flexible working hours have blurred lines of home and work.

3) Led to increase in insecurity.
   - e.g. Number of deliveries keep changing
     - ↳ variability in Income

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4) Lack of effective grievance redressal mechanism

5) Short-term contracts with no social security (insurance, paid leave)

6) '5-star' feedback mechanism have added to instability of job

7) Enhanced scope of exploitation as huge power asymmetry

8) Not treated as employees, no legal responsibility of companies

(eg) Drivers in OLA are contractors

Way Forward

1) Clear definition and scope of work [Labor code] in gig economy.

2) Create a security blanket (eg Rajasthan income security Act)

3) Regulations to ensure a robust grievance system.

The COVID pandemic has given a severe blow. Need for comprehensive and multi-stakeholder approach to resolve issues

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10. वैश्वीकरण के परिणामस्वरूप समरूपीकरण की प्रवृत्ति ने वास्तव में भारत की स्थानीय संस्कृतियों को संरक्षित किया और बढ़ावा दिया है। टिप्पणी कीजिये (150 शब्दों में उत्तर दीजिए) 10 अंक

Homogenisation tendencies as a result of globalisation have in fact preserved and promoted the local cultures of India. Comment. (Answer in 150 words) 10 marks

Globalisation led homogenisation refers to the domination and convergence towards a uniform category/type in sphere of culture.

(eg) Homogenisation of language towards English

Preserved and Promoted Local Culture

1) Hybridization of culture

(eg) Hindustani - Rap music

2) Glocalisation of traditions and customs

(eg) Diwali celebration in Whitehouse

3) Development of new linguistic traditions

(eg) Hindi + English = HINGLISH

4) Greater access to technology used to preserve and promote local culture

(eg) Youtube channels for Sattriya Dance in Assam

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5) Globalization ensured greater exposure and connected to new markets

(eg) local artcrafts sell on Amazon

6) ~~more focus~~ Use of Films to showcase culture

(eg) "Elephant whisperers" documentary in Oscars.

Globalization threatened local culture

1) Reduced relevance and visibility of local dresses and clothing

(eg) Jeans/Tshirts favored over Dhoti

2) McDonalization of cuisines and food habits.

3) Promotion of western festivals like Halloween. in place of local traditions

Way forward

↳ Greater institutional support (eg S Korea cultural ministry in promotion of Korean Dramas)

↳ Greater citizen awareness

↳ "Incredible India" → Tourism campaigns

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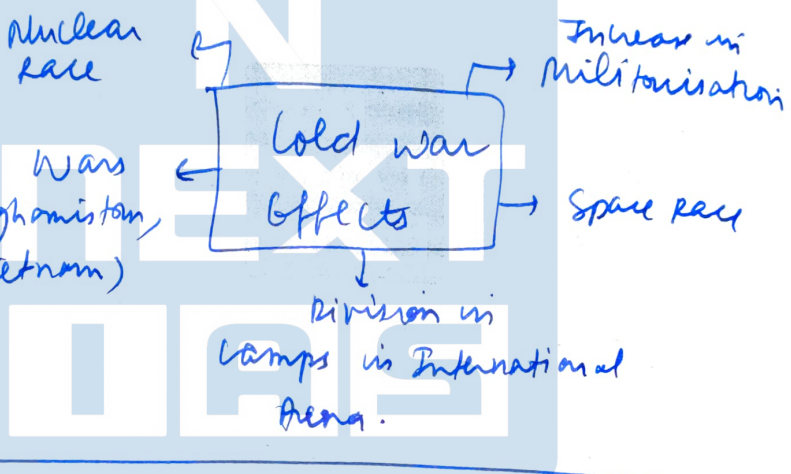
11. वे कौन सी परिस्थितियाँ थीं जिनके कारण सोवियत संघ का विघटन हुआ और शीत युद्ध की समाप्ति हुई? शीत युद्ध की समाप्ति ने विश्व भर में वैश्वीकरण के प्रसार में किस प्रकार योगदान दिया?

(250 शब्दों में उत्तर दीजिए) 15अंक

What are the circumstances that led to the disintegration of the USSR and the end of the Cold War? How did the end of the cold war contribute to the spread of Globalization across the world?

(Answer in 250 words) 15 marks

The cold war was an ideological tussle between USA (capitalism) versus the USSR (Communist) that went on from 1945 - 1991



Circumstances led to Dis Integration

↳ Political factors

↳ Increased discontentment in provincial states (Croatia, poland)

↳ Rise in concentration of power and authority (Russia dominating 15 states)

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↳ Lack of effective Representation

↳ Increased suppression of civil rights movements (Eg in Czechoslovakia)

2) Economic factors

↳ Stagnancy in economic growth

↳ Sanctions from Western nations debilitated trade

↳ Higher defence spending led to lower infrastructure and social spending

3) Social factors

↳ Adoption of new cultural values of liberalism, democracy

↳ Western influence through Films,

↳ Women and other marginalised groups organised for greater participation

4) Other factors → leadership change (Gorbachev came, favored decentralization 'Glasnost'

↓ Greater International Pressure

↓ Fall of Berlin wall

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Candidate writes

Contributed to Spread of Globalization

1) Fall of Berlin wall → fall of Iron Curtain (greater exchange with Europe)

2) Integration into multilateral economic institutions (WB, IMF, WTO)

3) Lifting of trade and mobility sanctions

4) Reduced influence of communist (close Government heavy economic systems)

5) Rise in privatization of National assets

6) Feeling of "End of Human History" (Fukushima) – Liberal Democracy won.

The Cold war ended and brought conditions for greater integration peace and collaboration. This is threatened with ongoing Russia-Ukraine war.

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12. हड़प्पा सभ्यता की स्थायी विरासत ने अचानक पतन के बाद भी भारतीय संस्कृति के विकास पर किस प्रकार अपनी छाप छोड़ी? (250 शब्दों में उत्तर दीजिए) 15अंक

How did the enduring legacy of the Harappan Civilization leave a mark on the evolution of Indian culture, even after its sudden decline? (Answer in 250 words) 15 marks

Harappan culture blossomed on the banks of Indus river from 2500-1200 B.C.E in the North-western region of South-Asia

Enduring legacy → Mark on Indian culture Evolution

1) Primacy to International trade
   - ↳ Sangam period trade with Romans
   - ↳ South-East Asian Trade with Indonesia.

2) Planned Urbanization
   - ↳ 2nd wave of Urbanization in Mahajanapada period

3) Metallurgy (Dancing girl in Mohenjodaro)
   - ↳ Inspired "Nataraja Bronze Sculpture" in Chola period.

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4) Ornamentation (use of anklets, Jewellery)	↳ use of gold, silver jewellery by late dynasties to showcase money power ↳ Aesthetic traditions in sculpture, idol making
5) Big Public Infrastructure (Great Bath in Mohanjodaro)	↳ Inspired creation of Big structural temples (Nagara, Dravida) ↳ Use of large mandapas
6) Worship of Nature (eg Mother goddess)	↳ forces of Nature (Rain, Sea) → personified in 'Indra', "Varuna" in vedic period. ↳ Rain Goddess "Mariamma" in Tamil culture

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Q1

- Seal making (with engraving of animals)
- Inspired Numismatic tradition (coins made with picture of gods, kings etc.)

Other practices

- Rain water harvesting, management
- Decentralized administration (No central authority)

These inspired various Sangha formation in mahajanapada period

The Indus valley civilization was one of the most advanced human cultures and its sudden decline has remained a puzzle till now.

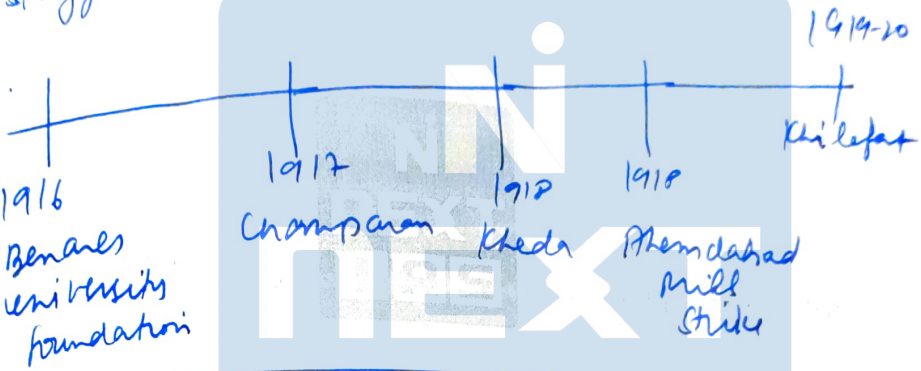
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13. खलिफत आंदोलन में महात्मा गांधी की भागीदारी ने विभिन्न मुद्दों को जोड़ने और विभिन्न समुदायों को एक सामान्य उद्देश्य के लिए एकजुट करने की उनकी क्षमता को कैसे दर्शाया? खलिफत आंदोलन ने किस हद तक अपना उद्देश्य प्राप्त किया? (250 शब्दों में उत्तर दीजिए) 15अंक

How did Mahatma Gandhi's participation in the Khilafat Movement illustrate his ability to connect diverse issues and mobilize different communities towards a common cause? To what extent did the Khilafat movement achieve its objective? (Answer in 250 words) 15 marks

Mahatma Gandhi returned to India in 1915 from South Africa and participated immediately in National struggle



Trajectory of Gandhi's participation

Khilafat Movement: Ability to connect and mobilize

1) Mainstreamed the greivance of Muslim communities about poor treatment of Turkey (Calif) post WW I by British.

2) Created and headed All India Khilafat Committee to mobilise people all

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around India

3) Raised the issues of Mappila muslim peasants and supported their cause. It ensured peasants participation.

4) Students in Aligarh university, Benares etc. were informed, political educated and ensured their participation

5) Championed Hindu-Muslim unity to broaden the alliance and ensured greater fraternity.

6) Campaigned along with Satypal and Saifuddin Kitchlew, to connect and mobilise people

7) Used variety of issues (Social, economic) post WWI poverty, ill-treatment meted (Rowlatt Act) out to build a large public coalition.

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Khilafat movement : Achieved objective

1) Built a united front, a large coalition that helped in raising political awareness

2) Britishers changed their policy, accomodated Turkey's Caliph interests.

3) The mobilization was used effectively to launch Non-cooperation movement to protest against inhuman, and repressive British regime.

Limitations of movement

1) Contributed to political use of religion

2) Many in the Congress (like Jinnah) parted ways

3) Accusations of Muslim appeasement (Moppila violence condoned) → strengthened hindu parties

Overall Khilafat movement contributed to National freedom struggle and hastened the movement.

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14. ट्रांजिट ओरिएंटेड डेवलपमेंट (टीओडी) एक धारणीय शहरी परिवहन प्रणाली की अवधारणा से किस प्रकार जुड़ा है? नागरिकों के जीवन की समग्र गुणवत्ता में सुधार पर इसके प्रभाव पर चर्चा कीजिए।

(250 शब्दों में उत्तर दीजिए) 15अंक

How is Transit Oriented Development (TOD) linked to the concept of a sustainable urban transportation system? Discuss its impact on overall enhanced quality of life for citizens.

(Answer in 250 words) 15 marks

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Transit Oriented Development refers to the designing urban cities and planning infrastructure activities with focus on better transit through road, rails, metro etc.

TOD linked to Sustainable urban Transportation

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1) Primacy given to robust public transport system (eg) Delhi Metro

2) Reduced dependence on private vehicles → Reduces Air pollution

3) Focus on green - mass mobility transport (eg) CNG Buses, Inter-city rail.

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4) Ensure safety and security in public transport.

5) Planning done keeping in mind population growth in future → effective utilization of resources.

Impact on Quality of Life for Citizens

1) **Economic Impact**

a) Greater female labor force participation with safe, accessible transport

b) Brings efficiency and reduce transaction costs (↓ logistics)

c) Migration from nearby area → quality labor force

2) **Social**

a) Access to educational institutions made easier

b) Quality healthcare in cities made accessible to people in peri-urban areas

c) Enhanced participation and greater

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social exchange.

3) Environmental

a) Greater adoption of Public transport

Reduced Emissions → Air quality high → Better, health life

b) Adoption of greener mode of transport.

4) Other Benefits

↳ Ease of living benefits

↳ Better transport → attract Investment → more Jobs

Way forward

↳ Need for empowering local Body Institutions

↳ Access to long term affordable finance

(eg) ADB in Kerala Silver line Project

TOD helps in creating cities as engines of economic growth and fulfills SDG-11 goal of sustainable urbanization.

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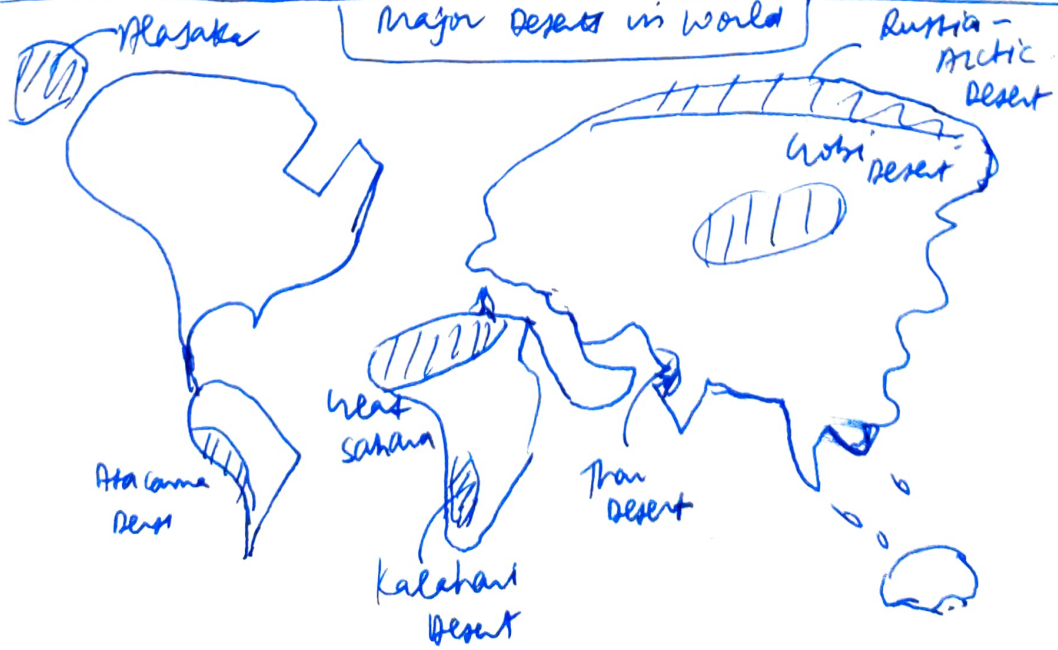
15. यद्यपि दुनिया भर के मरुस्थलीय भूदृश्य कई समानताएँ दर्शाते हैं, लेकिन मरुस्थलीकरण की प्रक्रिया स्थानीय कारकों से प्रभावित होती है। उपयुक्त उदाहरणों के साथ विस्तारपूर्वक समझाइए। (250 शब्दों में उत्तर दीजिए) 15 अंक

Although desert landscapes across the world reflect many similarities the process of desertification is influenced by local factors. Elaborate with suitable examples. (Answer in 250 words) 15 marks

Desert landscapes are categorised as areas where rate of evaporation is higher than rate of precipitation.

Similarities In Desert Landscapes
- → Presences of poor vegetation (thorny trees / shrubs)
- → Prone to droughts
- → Low Rainfall
- → Subsistence economic activities (goat-herding, grazing etc)
- → Biodiversity (wide feet, nocturnal animals)
- → Succulent plants, no leaves, deep roots

Major Deserts in World



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Process of Desertification : Local factors

1) Presence of Subtropical jet stream ;
has a desicating effect, reduced moisture
(eg) Sahara Desert

2) Role of Cold Ocean Currents on Western sides of Continents
(eg) Humboldt current role in formation of Atacama desert.

3) Continentality effect : Gobi Desert located very far from oceans, no moisure laden wind reaches

4) Presence in rain shadow areas, where the winds donot condense
(eg) Kalahari Desert

5) Lying in western side — and in parallel to monsoon winds, without effective physical obstacles/barriers → rain bearing winds donot forced to shed moisture
(eg) Thar Desert in India

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6) Other localized factors

- Desertification due climate change led longer drying season
- Over Grazing, Deforestation etc
- Land use change.

To prevent desertification and ensure sustainability of desert areas, we should

1) Plantation of local species trees
2) Rain water Harvesting
3) Green-Blue Infrastructure

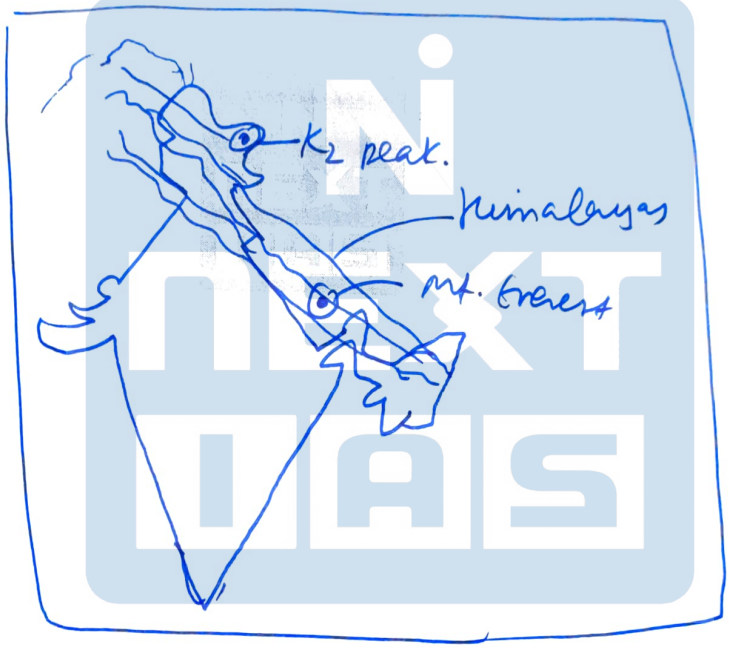
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16. वृहत हिमालय के निर्माण के विभिन्न चरणों की व्याख्या कीजिए। पूर्वी हिमालय पश्चिमी हिमालय से किस प्रकार भिन्न है?
(250 शब्दों में उत्तर दीजिए) 15 अंक

Explain the various stages of the formation of The Great Himalayas. How Eastern Himalayas is different from Western Himalayas?
(Anwer in 250 words) 15 marks

The Great Himalayas are a young fold mountains. Stretching from western Afghanistan (Hindu Kush) to North-East India (Purvanchal Hills)



Stages of Himalaya formation

1) Movement of Indo Australian plate towards the Eurasian plate started thousands of years ago.

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2) Convergent boundaries, landforms as Indo-Australian plate collided with the Eurasian plate

3) The constant push is still happening today

(eg) Himalayas rise a few centimeters every year.

Difference in Eastern and Western Himalayas

Western	Eastern
1) located in Pakistan, Afghanistan and western India	1) China, Bhutan, North-East
2) higher in average height	lower in average height
3) more continuous	less continuous
4) major range Karakoram, Ladakh	• Annapurna, Mt. Everest

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17. पर्यावरण संरक्षण में पारिस्थितिकी–संवेदनशील क्षेत्रों के महत्त्व का वर्णन कीजिए और उदाहरण दीजिए कि उन्हें विभिन्न भौगोलिक क्षेत्रों में कैसे अभिहित और प्रबंधित किया जाता है? (250 शब्दों में उत्तर दीजिए) 15अंक

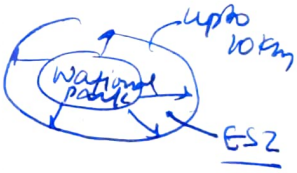
Describe the significance of eco-sensitive zones in environmental conservation and provide examples of how they are designated and managed in different geographical regions?

(Answer in 250 words) 15 marks

Eco-sensitive zones are created under the provisions of Environment Protection Act, 1986.

Significance of Eco-sensitive zones (ESZ)

1) Provide buffer to protected areas for sustainable growth



2) Restrictions on construction and infrastructure activities

3) No mass-cutting of trees allowed

4) Safe corridors for animals movement → ↓ in Man-Animal conflict

5) Promotion of research and development

6) Tourism and sustainable livelihoods for locals.

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Designation and management of ESZ

1) State Government demarcate areas of ESZ under provisions of EPA, 1986

2) Creation of local committees for Biodiversity management

3) list of prohibitive activities
   (eg) mining, hydroponic etc

4) Infrastructure like roads can be created under strict supervision to prevent loss.

ESZ are important for Biodiversity management and promotion.

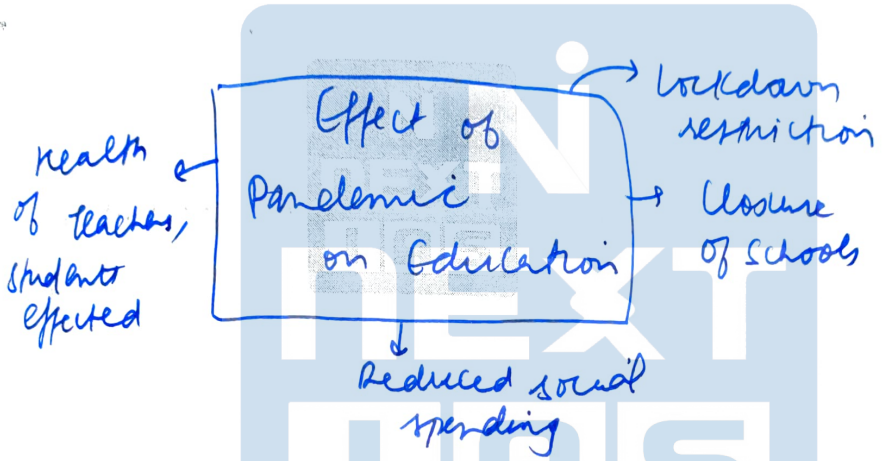
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18. महामारी ने शिक्षा के परिदृश्य को किस प्रकार नया रूप दिया है, और इन परिवर्तनों का शिक्षण विधियों और सीखने के परिणामों पर दीर्घकालिक प्रभाव क्या हो सकता है? (250 शब्दों में उत्तर दीजिए) 15अंक

How has the pandemic reshaped the landscape of education, and what long-term effects might these changes have on teaching methods and learning outcomes? (Answer in 250 words) 15 marks

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The COVID-Induced pandemic is once in a century crises that effected socially, politically and economically all the world.



Reshaping: Landscape of Education

1) Closure of physical schools led to increased dependence on digital education.

2) Use of online resources; video calls for teachings, Online tests.

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3) Issues of digital divide prevented universal access

(eg) Death of ~~Bfsc~~ student in Hyderabad by suicide

4) Teacher training in effective handling of digital education tools

(eg) conducting zoom classes.

5) Access to quality education resources in vernacular language online lacking.

6) Impact on psycho-social development of child.

Long-term effects on teaching methods and learning Outcome

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1) Learning poverty increased from 60% to 70% (World Bank) in India.

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3) Differential digital access created inequality in learning.

3) Need for more personalized pedagogy and guidance.

4) Remedial classes to bridge learning gap

5) Role of digital education to increase further → Need to ensure universal access to phones, internet.

The primary education in schools is crucial to develop skills and training in adult life for effective utilization of demographic dividend..

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19. भारत के संदर्भ में नृजातीय पहचान संघर्ष के उत्थान के पीछे के कारकों का विश्लेषण कीजिए, और देश के सामाजिक ताने–बाने पर उनके निहितार्थों पर चर्चा कीजिए। (250 शब्दों में उत्तर दीजिए) 15अंक

Analyze the factors behind the upsurge of ethnic identity struggle in the context of India, and discuss their implications for the country's social fabric. (Answer in 250 words) 15 marks

The ethnic identity encompass similar racial features, common language, and shared history and culture.

Recent clashes in Manipur between Kuki-Meitei groups have refocussed attention on ethnic identity struggle.

Factors behind upsurge

1) feeling of political marginalization with no fair representation

2) Threat to traditional occupations and life style

(eg) Manipur Anti-encroachment drives in forest areas.

3) feeling of relative deprivation

(eg) Disproportionate share of govt. jobs, benefits

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4) Perceived threat to local indigenous culture

5) Rise in Xenophobic tendencies

(eg) Bru-Reang conflict in Tripura

6) Social Backwardness

↳ Poor health, education outcomes

7) Infodemics, fake news create volatile situation

(eg) fake rape and murder video led to public parading of Kukri women

Implications for country

1) Ethnic struggle gets transformed into secessionist struggle

(eg) Nagalim movement

2) National security imperilled

3) loss of crucial national resources and infrastructure in riots.

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4) Prevents national integration

5) Harms the governance processes;
(eg) distrust against security forces

6) Diplomatic relations affected
(eg) Illegal migration from Myanmar

Way forward

↳ Use of dialogue and deliberation
(eg) N-E Zonal Council used

↳ Peace Accord between groups

↳ Trust and Rehabilitation commission

↳ "The Bharat Shrestha" Bharat to bridge cultural divide.

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20. पितृसत्तात्मकता घर की तुलना में कार्यस्थल की गतिशीलता को किस प्रकार भिन्न रूप से प्रभावित करती है?

(250 शब्दों में उत्तर दीजिए) 15अंक

How does patriarchy differently impact the dynamics of the workplace vis a vis the household?

(Answer in 250 words) 15 marks

Patriarchy refers to the ideology that treats women in an inferior way. Reserves powerful positions for men.

Patriarchy impact dynamics of workplace and household

1) Disproportionate burden of household chores

(eg) 25 min (Men) vs 243 min (Women) / day (NSSO)

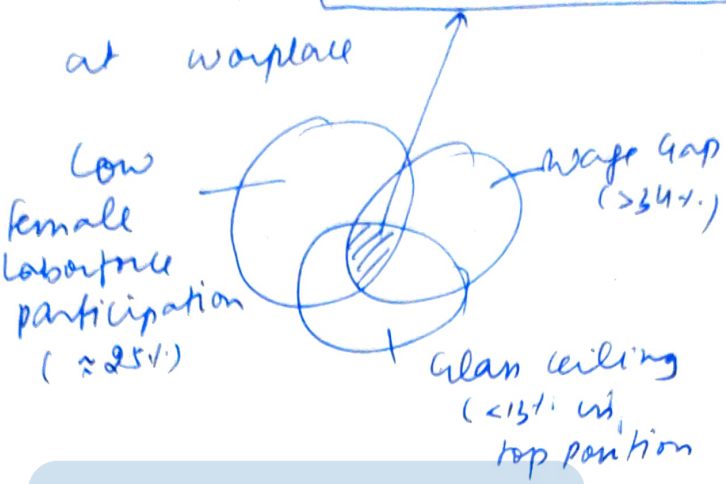
2) Dual burden of job and House

3) Biological burden on managing personal and professional relations.

3) Sexual harassment cases in workplace affects ~~social~~ confidance of women

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4) Issues of Economic Disempowerment at workplace



5) Choice of Job affected by patriarchy

(eg) over representation in "Pink Economy" Jobs

6) Women despite jobs, not considered Breadwinner of family

7) Woman, first to get fired,

8) marriage penalty on women.

Way forward

1) 3R approach
   - Recognize
   - Reduce
   - Redistribute

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2) Upskilling women for higher-value jobs

3) Sensitisation for attitude change

4) Creation of better quality jobs

5) Strict enforcement of laws (POSH)

PS Facebook CFO said, "Women need to be empowered at workplace and open at homes"