

(Please do not write anything except the question number in this space)
कृपया इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

UPSC

Murugay Singh
4SPM24N11004

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Ans 4 Himalayas are young fold mountains formed due to convergence of Indian & Eurasian tectonic plate.

Natural Factors contributing to vulnerability

- ① steep slopes increase the impact of gravity causing landslides.
- ② continued movement of Indian plate gives the area instability.
- ③ huge amount of snow increase the weight on slopes
- ④ unconsolidated deposits increase instability
- ⑤ Lack of intense vegetation of the slopes of Himalayas to hold soil
- ⑥ vulnerability towards earthquakes as connected to Hindu Kush fault line.
- ⑦ large number of rivers and glaciers increasing the load on slopes

Human Factors contributing

- ① Infrastructure projects exceeding the carrying capacity
- ② Chamoli district

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- ② Improper Technology use before construction
- ③ Sylkyra - Barkot collapse
- ④ Unsustainable tourism causing increased amount of waste
- ⑤ Continuous landslides caused due to cloud bursts induced by climate change
- ⑥ Increased human settlements on the slopes causing subsidence and eventual landslides.
- ⑦ Increasing temperature making glacial lake moraines vulnerable and prone to land slide

Way Forward

- ① Sustainable tourism should be promoted
- ② Traditional practices like wood & stone houses in Uttarakhand.
- ③ Environmental Impact assessment of the projects should be mandatory.
- ④ The development should be ^{with} ~~for~~ Himalayas not against Himalayas.

Himalayas are natural treasures and should be developed sustainably for increasing inclusivity.

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Major ocean currents refer to movement of water masses guided by difference in salinity and temperature.

Major Ocean Currents & Gyres



- ① Gyres are the bodies formed due to encirclement of currents
- ② Major gyres can be seen in the North Pacific like Sargasso sea; South Atlantic & North Atlantic
- ③ Peruvian current is associated with the South Pacific ocean

Significance of Ocean Currents

- ④ They affect local climatic conditions
 - eg) Canary current makes W. Europe cold.
- ⑤ They shape global environment
 - eg) Peruvian current is related to

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the ENSO phenomena

- ⑥ Norwegian current is the reason Nordic countries are habitable
- ⑦ The meeting of cold and hot current create excellent fishing grounds @ New Falklands
- ⑧ Cold currents are responsible for presence of deserts @ Kalahari due to Benguela
- ⑨ They transfer heat from surplus to deficit zone maintaining balance
- ⑩ Global Thermohaline circulations like Atlantic Meridional Oscillation current impact global weather patterns
- ⑪ They guide marine species to breeding grounds.
- ⑫ Ocean currents impact the survival of species like corals
- ⑬ Gyres are home to several niche species.

Ocean currents are significant in both local & global weather.

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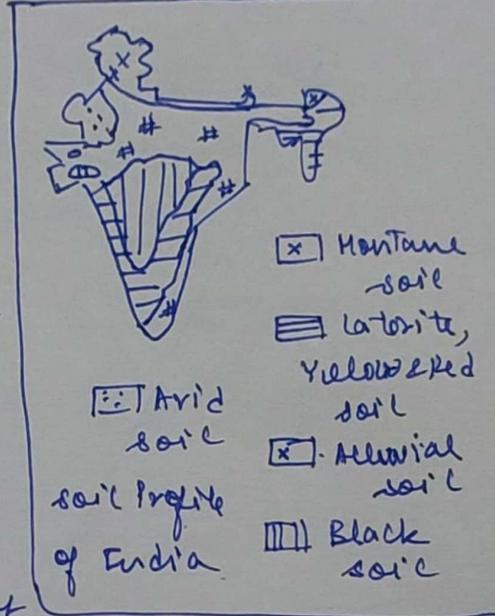
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Ans 6 Soil type directly impact agricultural potential causing disparities in crop patterns and practices.

Contribution to disparity in Productivity



- ① Alluvial soils are rich in nutrient thus suitable for intense agriculture and crops like rice
- ② Arid soil does not hold water and is less productive
- ③ Black soil has self ploughing properties increasing productivity
- ④ Laterite soils are acidic decreasing productivity.
- ⑤ Intense vegetation in areas having laterite soil also presents challenge to agriculture
- ⑥ Low rainfall in arid regions decrease productivity.

Contribution to disparity in Practices

- ① Millets & less water intensive crops are grown in arid regions
- ② Cattle rearing is practiced along with agriculture.
- ③ Intensive agriculture throughout the year happens in alluvial regions
- ④ Crops requiring intense ploughing are grown in black soil region
- ⑤ Agriculture is sparse in the regions of laterite soil.
- ⑥ Irrigation is used in arid regions as compared to rain water & river water in alluvial regions

Bridging Disparities

- ① Equitable irrigation benefits to all
 - ② Promotion of agroclimatic choice of crops
 - ③ Organic fertilizer promotion
 - ④ Increasing support for allied activities like cattle rearing
- soil diversity has created cultural and food diversity in India & equitability must be ensured.

Ans 7 PM Modis visit to Lakshadweep and promotion of tourism highlights the importance of this sector.

Impact on economy

- ① Tourism creates jobs for the locals
- ② It brings foreign investments for development of tourism infrastructure
- ③ It enables skilling of locals
- ④ Local culture gains global recognition
- ⑤ will play important role in integration of indigenous communities with the mainstream society.
- ⑥ Eco-tourism brings awareness regarding biodiversity richness of these islands.
- ⑦ It aligns with ~~global~~ national growth plan of inclusive development
- ⑧ Enables enhancement of connectivity of Islands with the world

Challenges to sustainability

- ① Home to several communities like Jarawa, Koyas, these islands may be disturbed due to tourism.

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- ② Large infrastructure projects require clearing of forests. ④ Great Nicobar project
- ③ Climate changes has made them vulnerable to disasters.
- ④ sustainable tourism is sine qua non as the carrying capacity of these islands is too low.

Opportunities to make sustainable

- ① Emulate the model of Mauritius and Maldives.
 - ② Inclusion of local communities can provide new experience for tourists
 - ③ Leveraging the immense biodiversity to promote activities like bird watching, wildlife photography.
 - ④ Showcasing the unique heritage of these islands ④ Resilient practices of ages
 - ⑤ Harnessing new technologies to track waste & population load on the islands
- Lakshadweep & Andaman & Nicobar islands should be developed using tourism for realising Vision 2047

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Ans 1 New parliament building completed in 2023 represents the synergistic mix of ancient Indian cultural ethos and modern architecture.

Integration as testament to Indian Ethos

- ① The figure of Samudra manthan represents the discussion led process of parliament.
- ② Lotus, peacocks and Banyan tree are symbols of ancient India.
- ③ ~~large~~ Sargel gallery, Shilpa gallery represent tribute to the ancient India culture.
- ④ Bhakti Movement ideals have been represented through the integration.
- ⑤ The connection between nature and tradition is reflected

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- ⑥ It gives voice to the ideals of freedom struggle
- ⑦ Role of women in National development and also in the ancient times has been highlighted.

- ⑧ Indian traditional Arts & Craft have been given a place in the parliament building

The parliament building marks rise of a truly Indian model of democracy respecting traditions and paving road for future democratic milestones.

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Ans 3 Moderates dominated the Indian freedom struggle till the start of 20th century and created the base for future struggle.

Contribution of Economic Critique

- ① Dadabhai Naoroji in "Un-British Rule in India" exposed the double standards of Britishers in India
- ② ~~It~~ They created the awareness that any development by Britishers is for their own gain and not for India.
- ③ Moderates like Ranade and others highlighted the deindustrialisation caused by British.
- ④ Lack of iron & steel industry development was highlighted as reason of continued backwardness of India.
- ⑤ They highlighted the problems of

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increased taxation and pressure of population on land causing impoverishment.

- ⑥ The destruction of traditional handlooms was highlighted and awareness regarding British exploitation was created.
- ⑦ They spread education through institutions and also took up Indian cause in Britain.

Shortcomings of Moderates

- ① They were not connected to masses
- ② The propaganda, prayer, petition model was of limited success
- ③ They did not organise congress into a full fledged political movement
- ④ They did not take up cause of workers exploitation

Moderates were the stepping stones on which the behemoth of Indian freedom struggle was created.

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Ans 8 The first 5 Five year plans focused on population control however post the National Population Policy 2000 a shift towards welfare is seen.

Impact on population growth

- ① Surita Bose highlights that NFHS-3 reflects higher reproductive autonomy leading to lower fertility rate.
- ② NFHS-5 shows fertility rate below replacement level of 2.1
- ③ Education for contraception has increased from 55% to 66% between 2011 to 2015
- ④ The target of stable population by 2070 is within sight
- ⑤ Literacy rates for women increased from 53% to 70% and also literacy about reproductive health increased
- ⑥ Financial autonomy has given more say to women over their body
- ⑦ Marriages are losing sacrament and child bearing is choice not obligation.

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Challenges that still remain

- ① Divide between urban and rural women persist.
- ② Access to modern facilities is restricted due to digital divide.
- ③ Dropout rates of women are still higher.
- ④ STEM representation of women remains below 50% (AISHE)
- ⑤ Patriarchal values still dominate

Way Forward

- ① Women entrepreneurship should be encouraged to increase financial autonomy
- ② SHG based development in rural areas create awareness regarding menstrual, reproductive health.
- ③ Beti Bachao, Beti Padhao campaigns should be promoted
- ④ More focus on welfare than control should be there

India has become the most populous country & harnessing this is key for future growth.

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Ans 9 Indian secularism represents a positive model where state actively interferes for betterment of religion and society.

Core Principles

- ① Religion & states are not divorced
- ② secular & constitutional morality trumps religious freedom (Article 25 & 26)
- ③ No discrimination can be done based on religion (Article 15 & Article 16)
- ④ The social evils stemming from religion can be removed by state and judiciary
- ⑤ Abolition of untouchability.
- ⑥ Progressive changes can be induced by state
- ⑦ Right to compensation to Muslim women by supreme court through M. Samad verdict (2024)
- ⑧ state endeavours to create a uniform civil codes as directed by Article 44.

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Challenges to these principles

- ① The coercive practices continues
 (a) untouchability still practiced by 27% of households (ICAR)
- ② status of women in religion has not improved much
- ③ UCC has been opposed on religious grounds.
- ④ Religious personal laws have hindered the growth of certain sections.
- ⑤ The immense diversity due to tribal culture & various religions has caused challenges.

Way Forward

- ① state should make stringent laws for protection of vulnerable sections
 - ② UCC should be implemented sensitively
 - ③ Engagement of stakeholders is must
 - ④ Tribals should be included in decisions
- secularism is core feature of Indian society since ancient times and must be continued.

Ans 10 Educational institutions shape the value structure and it is here where long lasting attitude and motivation of humans are created.

Addressing social Inequality

- ① Promote tolerance & sharing lunch boxes
- ② Promote awareness regarding constitutional principles of equality.
- ③ Teach the legal & illegal aspects of actions.
- ④ Create deterrence regarding practices propagating inequality.
- ⑤ Educating regarding gender equality and its benefits

Reinforcing social inequalities

- ① Social biases creep in to schools
 - ⊕ Recent case in Chhatisgarh district of Maharashtra where food was rejected as it was cooked by Dalit woman.
- ② Engaging vulnerable sections in to non classroom activities.

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- ③ Reinforcing gender biases by ~~stapeding~~ the existing stereotypes
- ④ Promoting competition over co-operation

Strategies to create holistic education

- ① NEP 2020 has human values as an integral component.
- ② Caste biases should be strictly monitored
- ③ Gender equality should be taught as part of curriculum
- ④ Emotional intelligence should be made part of education
- ⑤ Local traditions & their relevance should be taught
- ⑥ Diversity of India should be taught as a revered aspect
- ⑦ Workshops should be conducted for interaction of students with vulnerable sections.

Reducing inequalities is the SDG 12 and educational institutions which are inclusive are *sine qua non*.

Ans 2 Sangam literature are ancient texts in Tamil language shedding light on the society of that time.

Representation of Women

- ① Epics like Manimekalai, Silapadikaram represent women in different roles as queen, housewives.
- ② They highlight women's role in the society.
- ③ The duties & obligations of women are talked about
- ④ The economic significance of roles performed by women is highlighted.

Status & Role of Women

- ① Women enjoyed a high status as revealed by revenge in

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the epics by the wife. of

- ② women played integral role in the economy of the region.
- ③ Queens had higher voice in palace & women at home
- ④ women were expected to be loyal to their husbands
- ⑤ The political role of women is not very clear
- ⑥ Religious practices involved women.

Sangam literature provides deep insight into the cultural history of those time of which women are an integral component.

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Ans-14 Urban flooding witnessed in Delhi floods, Bengaluru, Chennai in each monsoon season highlight the grim situation of drainage in these mega cities.

Underlying factors

- ① Destruction of wetlands thus decreasing absorption capacity.
- ② Concretisation of the cities
- ③ Population explosion due to migration
- ④ Restriction of course of river which breaches embankments
④ Yamuna in Delhi
- ⑤ Lack of watershed management
- ⑥ Urban Heat Islands causing large cloud formations.
- ⑦ Climate change causing sporadic heavy rains
- ⑧ Improper urban development which is not planned properly.

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- ④ Emergence of urban sprawls with no proper drainage.
- ⑩ Encroachment of buildings on the low lying lands.
- ⑪ Lack of breathing space in the cities.
- ⑫ Pollution and siltation of rivers
- ⑬ Lack of proper forecast to prepare mitigation strategies

Comprehensive Strategy

- ① Initiatives like sponge city to create open space serving multipurpose.
- ② Regular dredging of rivers
- ③ Management of each tributary through methods like small check dam creation.
- ④ Promoting sustainable building designs
- ⑤ Afforestation to prevent urban heat islands effect.

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- ⑥ Rejuvenation of wetlands
- ⑦ Stricter implementation of laws against illegal encroachment.
- ⑧ Proper management of industrial ~~poll~~ pollutants which decrease flow of rivers
- ⑨ Harnessing local & traditional knowledge to deal with these
- ⑩ Taking into account the environmental impact assessment in the Himalayan cities.
- ⑪ Developing proper forecast mechanisms
- ⑫ Doppler radar for cloud bursts.
- ⑬ Harnessing technology for mitigation in case of disasters like drone use
- ⑭ Creation of smart cities under AMRUT program

Urban areas are incubators of growth & it must be ensured that they are not choked.

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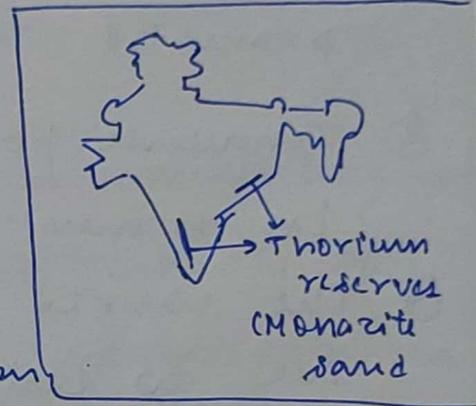
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Ans15 Critical minerals are those essential for national & economic security but have their supply chain not properly secured.

Potential of India

① Thorium is abundant in India which is critical to stage 3 of Nuclear power program



- ② The world is looking towards nuclear as solution for climate change thus India become significant
- ③ Most of India is unexplored for minerals thus having high potential.
- ④ As part of Gondwana land mineral prospects are high
- ⑤ New technology use has led to discoveries like lithium in Rajasthan

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- ⑧ Other minerals like Tantalum in Jharkhand & zirconium in Cambay have been prospected
 - ⑨ Recent change in legislation has promoted the exploration
 - ⑩ Immense potential for foreign investment
 - ⑪ The world is looking for alternative to China, India can take that place.
 - ⑫ The complex geology of India & immense network of rivers ~~generate~~ generate potential.
 - ⑬ Technology transfer from foreign countries can boost potential in India
 - ⑭ India's foreign exploration like in Argentina by Khanij Ltd integrates us.
- Strategic implications
- ① will free us from China's hold. It controls 65% production of Rare Earth Metals.

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- ② will help develop cutting edge technology
- ③ Environmental solutions can only be addressed through these.
- ④ Reduce dependence on western countries thus escape economic imperialism.
- ⑤ Development of India as manufacturing hub.
- ⑥ Increasing the storing capacity of solar cells & other renewable solutions
- ⑦ Defence technology & export promotion
- ⑧ Integration of India into global value chain.
- ⑨ Strategic autonomy ~~use~~ in sectors of electronics & defense which are largely dependent on imports
- ⑩ International collaboration on emerging domains like space, nuclear.

30 Critical minerals have been identified and are being explored in both foreign & domestic landscape to remain relevant in coming times.

Ambt Temperature inversion refers to accumulation of cold air mass below the hot air mass due to terrestrial radiations.

Phenomena

① This happens in winters

② The ground becomes cool fast thus air

mass near it becomes cooler & heavier & is not able to rise.

③ The phenomena usually happens during long nights & clear weather conditions with low winds.

Impact on microclimate

① It creates foggy conditions

② Pollutants accumulate near the ground.

③ Stable conditions prevail near the ground

④ The penetration of sun ray is

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initially obstructed.

- ⑤ The winds are weak near ground
- ⑥ Extreme cold environment can cause mist or frost as seen in himalayan regions.
- ⑦ The fog clears out after the land heats up again

Implications for agriculture & settlement

- ① Respiratory diseases increase due to accumulation of particulates
- ② The valley region is protected from extreme cold.
- ③ Agriculture suffers losses in case of frost
- ④ The visibility of transportations like roads & trains are restricted causing delays & accidents
- ⑤ fog prolongs cold conditions on ground damaging crops.

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⑥ The water availability impacts the transpiration process of plants.

⑦ Human settlements on plains experience dew

⑧ Temperature inversion can also be caused by westerly influences during winters and is a significant phenomena impacting the human life in a big way.

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Ans 17 Ganga river has been prominent since ancient times and has shaped Indian culture & economy however today it faces the challenge of extreme pollution.

Significance of Ganga on Environment

- ① It replenishes the water sources in the region bringing water from himalayas.
- ② It purifies the waters.
- ③ It is home to species like gangetic dolphin such
- ④ It is responsible for agricultural development in the plain region

Significance for Culture

- ① It is mentioned in the ancient texts of vedas & Puranas
- ② several holy circuit like Kashi, Gaya are centered around it

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- ③ several festivals are centered on it.
- ④ local practices like taking a bath in Ganga.
- ⑤ Religious belief of putting remains of dead in Ganga for Moksha
- ⑥ ~~It~~ at heart of cultural circuit in Uttarakhand ~~and~~ it is char dham Yatra
- ⑦ It is considered to purify all sins

Key challenges in rejuvenating

- ① High population pressure & their waste flows into Ganga.
- ② Industrial presence too is high
- ③ ~~It~~ Due to climate change the flow is reducing.
- ④ Traditional practices of dumping remains in Ganga pollute it.
- ⑤ Lack of consensus building is there regarding methodology.



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- ⑥ National Mission for Clean Ganga has completed 10 years under the banner Namami Gange but results are not significant.
- ⑦ Accountability mechanisms to ensure progress are not there.
- ⑧ Latest technology is not being harnessed as done in time recently.
- ⑨ There is not concrete plan to deal with the domestic waste.
- ⑩ Compliance enforcement for industries is weak.
- ⑪ The large expanse of Ganga and several tributaries make it difficult.

Global best practices combined with watershed management, awareness generation, technology harnessing and concerted efforts of all stakeholders is required to rejuvenate this holy river.



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कृपया इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

उम्मीदवारों को इस स्थान में नहीं लिखना चाहिए।
Candidates must not write on this margin

Ans 18 From the ancient texts like Bṛiṅit saṁhita to recent missions like chandrayaan where scientist offered prototype at temple religion has intersected with science.

1) Bridging gap ~~between~~

- ① Scientific advancements offer avenues of rational thinking and discredit the taboos.
- ② New concepts debunk the myths
- ③ They help tackle social challenges like witch accusation
- ④ They address the orthodox elements of religion & provide it's scientific & rational analysis
- ⑤ Free thought & expression is promoted.
- ⑥ Economic advancements free people from religious hegemony.

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केवल इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

- ⑦ They show the immensity of the universe & futility of inner conflicts
- ⑧ Gender equality is promoted as there is no rational basis of practices like segregation of menstruating women.
- ⑨ Play role in empowerment of weaker sections by providing them new avenues of employment
- ⑩ Help tackle the notion of impurity attached to manual scavengers by deploying robots for sewage cleaning.
- ⑪ Developments in healthcare makes it more inclusive and accessible along with affordable

⑫ Superstitions that lead to practices like untouchability are removed.

Persistence of Superstitions

⑬ Religion manifests itself in new forms challenging scientific advancements as heresy.

⑭ Recourse to god's command is used as basis for continuation of these practices

Way Forward

⑮ Increasing literacy rates

⑯ Promoting scientific temperament as given in Article 51A(i)

⑰ Legislations to criminalise the exploitative taboos

Scientific advancements open a window of rationality allowing escape to those suppressed by religious orthodoxy.

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Ans 19 91% of India's labour force is engaged in informal sector (PLFS)

Challenges

- ① Lack of insurance facilities
- ② No employee benefits thus not social security net.
- ③ Highly biased towards employer
- ④ No security of job
- ⑤ Out of pocket health expenditure causes secondary poverty.
- ⑥ The issues of hunger & malnutrition
- ⑦ Issues of migration in search of work.
- ⑧ Increased pressure on urban centers due to migration
- ⑨ Informal sector has no provision for pension thus security of India's ageing population is not guaranteed.

Role of gig economy

- ① Gig economy provides standardised platform based work
- ② It provides flexibility to choose among several employers.
- ③ Organisation of gig workers for demanding rights is easier
- ④ Legislations like in Rajasthan highlight rising recognition of their rights.
- ⑤ Formalisation of sector can be done by including gig workers in the formal economy through ensuring pensions, health insurance cover etc.
- ⑥ Credit availability to gig workers will be easier.
- ⑦ The benefits given to gig workers will ~~be~~ higher.

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में प्रश्न संख्या के
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Challenges to gig economy

- ① The social security net currently is not enough.
- ② The rising participation makes tackling this problem difficult
- ③ The employers are reluctant to formalize this sector
- ④ Governments do not have a road plan for gig economy

Way Forward

NITI Aayog has recognised the importance of gig economy & highlighted

- ① Speed implementation of social security code.
- ② Creating corpus for insurance from contribution of all stakeholders

Gig economy is the future and must be developed to achieve the aim of VIKSIT BHARAT.

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Ans 20 New age spiritualism has become a rising phenomena with several personalistic groups emerging.

Reasons for emergence

- ① Search for spirituality in this consumerist world.
- ② Search for human connections when everything is becoming digitalised.
- ③ searching for new ways to escape from stress that is very high presently.
- ④ work life balance achievement
- ⑤ Mental peace & search for repose.
- ⑥ Lack of proper channels to address all our problems.

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⑦ Superstitious beliefs still being prevalent in Indian society.

Positive impacts

- ① It helps to escape the rush life.
- ② Provides for human contact and ensures that we are connected to world.
- ③ Enhances spirituality in daily discourse.
- ④ People organise & engage in meaningful interaction.
- ⑤ Help in releasing pent up tensions.
- ⑥ Curbs compulsive consumption.
- ⑦ Helps in maintaining health through practices of yoga and meditation.

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Negative impact

- ① cults driven by personal interests have emerged.
- ② lack of proper arrangements at meeting can cause disasters
 - ④ Mathras stampede.
- ③ Promotion of superstitions & stereotypes at some meetings
- ④ wealth accretion by the leaders in garb of spiritual enlightenment
- ⑤ Exploitation of women.

Way Forward

- ① regulation should be ensured
- ② Misinformation spread through these should be curbed
- ③ people should focus on self development.

Religion is intrinsic to society and new forms will keep on emerging -

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Ans 12 Hoysala architecture belongs to the Uvvara school which is a combination of Nagara & Dravida school.

Comparison of Hoysala & Nagara

① Hoysala is marked by stellate plan which is not in Nagara

② Hoysala have ^{vimana} ~~Nagara~~ architecture while Nagara has shikhara



stellate design

③ Hoysala have boundary walls & presence of water tanks inside the temple premises while Nagara does not.

④ Hoysala architecture is localised & dynasty specific while Nagara represents a broader picture

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उम्मीदवारों को प्रश्न संख्या ही लिखनी है।
Candidates must not write on this margin.

It includes temples like Belur, Halebidu. The Hoysala Ensembles have recently been included in the world heritage site list.

Reflections of cultural, religious, regional influence

- ① The proximity to south gives Hoysalas more dravidian features.
- ② Temples were places of everyday activities along with places of worship.
- ③ The stellate plan represents the architectural ingenuity that arose from mixing of two schools.

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- ④ Koyasala represents peak of Vesara school and carved out its own place.
- ⑤ The differences highlight the worship of different deities
- ⑥ The inscriptions & difference in murals outside Garbhagriha highlight differences in regional practices

Koyasala architecture represents the syncretic blend which is hall mark of Indian society and its cultural uniqueness has been recognised at world level.

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Ans 11 Entry of Mahatma Gandhi on the political landscape of India with his ideas of non violence & disobedience changed the nature of peasant revolts.

Comparison

① Indigo revolts of 1859-59 were brutally suppressed by Britishers and they also had violent elements.

Revolts like Kheda satyagraha were peaceful & involved element of negotiation with the British.

② The intellectual class was not very much involved in the peasant movements earlier but after Gandhi the movements saw greater participation-

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③ Gandhiji integrated the peasant movements into the larger picture of Indian freedom struggle.

④ Incidences like that of Deccan Riots became less frequent and peasants became more organised.

Influence of Gandhi

① Gandhiji mobilised peasants as the major force of Indian freedom struggle.

② He worked to bridge the communal divide.

③ He through his clothing and lifestyle related more naturally to the peasants.

④ Peasants were naturally inclined

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towards the practices advocated by Gandhiji.

- ⑥ Peasants became more aware of their role in the freedom struggles.
- ⑦ Calling off of Non Co-operation movement due to Chauri Chaura incident sent a clear message of non violence.
- ⑧ The disobedience that gave results in Champaran in 1918 was emulated by peasants
- ⑨ Constructive work was done by satyagrahis to alleviate the conditions of peasants.

Gandhiji played a crucial role in involving India peasant in the freedom struggle without whom it would not have been possible.