

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

Q.1. Numismatics is the study of currency & coinage. It can act as a valuable historic source.

Role of Numismatics in understanding Ancient India

Mahajanapada Era first evidences of punch marked coins reflect the development of a money economy

Post Mauryan Era ① The Indo Greeks mint gold coins for the first time in India, these coins represent gods/goddesses and the portraits of kings

② Shakas → first evidence of date on coins issued

③ Kushanas → maximum number of gold coins issued, and presence of mints in north west India highlighting increased prosperity.

④ Satrahans → we find a ship shaped coin highlighting importance of navy.

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

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस हस्ताक्षर में
कोई लिखना
चाहिए
Candidates
must not
write on this
margin

Gupta Era we have the most beautiful coins. which reflect

- ① importance of social alliances ② King-Queen type coin
- ② the skills of kings ③ Samudragupta plaining veena
- ③ gods/goddesses like veena laxmi

South India the coins reflect the seal/icon of the dynasty.

- ④ Chalukya → vrsha chakra → tiger.
Pandyas → fish
Pallava → lion

Therefore numismatics provide us an important source of historic exploration, but to capture the full picture it is important to study other sources like inscriptions, manuscripts as well.



UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

Q2. The socio-religious reforms of the 20th century gave an impetus for formation of women organisations to fight for gender equality.

Impact

Positive

- ① Organisations like Bharat Stree, Arya, Mahila Parishad, Ladies Social Conference and All India Women's Conference greatly helped in mobilising and empowering women.
- ② they raised key issues like widow remarriage, ban on sati, female infanticide, education of girl child etc.
- ③ raised nationalistic sentiments amongst women facilitating their participation in the freedom struggle.

Limitations

- ① Most organisations were based in urban areas and had little representation from rural areas.
- ② Most women members & leaders belonged

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parentheses.
(Specimen Answer Booklet: For Practice Purpose Only)

to high caste & high class @ Pandita Ramabai Ranade and had little awareness regarding the concerns of women from backward & underprivileged communities (e.g. dalit, adivasi, poor etc.).

③ Their medium of communication was often English, further alienating ordinary women.

Therefore, though pre-independence women organisation had noble intents, their efficacy was limited to their limited representativeness.

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस खंड में
कोई लिखना
नाहीं
Candidates
must not
write on this
margin

- Q3 During the power politics of cold war post 1950s, the non alignment movement championed by India, Yugoslavia & Egypt strived to provide a third alternative besides USA & USSR.

Reflecting Aspirations of the Developing World

- ① The NAM urged countries to remain neutral and not join the capitalist or communist bloc.
- ② It ensured that nascent democracies do not fall to neo-colonial tactics of the 2 super powers and undermine their sovereignty.
- ③ It strived to protect new nation states from becoming battlegrounds for proxy wars.
④ Afghanistan, Vietnam
- ④ It ensured that post colonial states prioritise their developmental needs instead of getting involved in bloc politics.

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

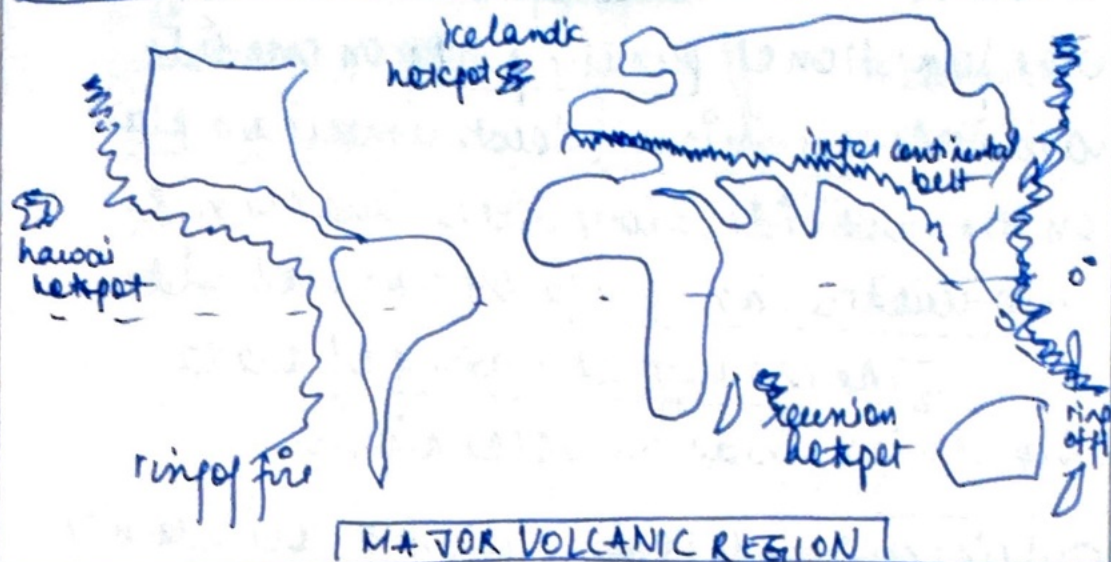
- ⑤ To achieve these goals, NAM provided institutional & policy support via regular summits (every 3 years)
- ⑥ There is power in numbers, as a collective bloc (3rd world) the post colonial states were able to protect themselves from the political pressure to join the 2 power blocs.
- ⑦ NAM also reflected India's desire to provide leadership to the countries of the global south.

While NAM served its purpose, the contemporary era is of multi alignment as highlighted by External Affairs Minister, India thus must develop a multivector policy to become a Vishwa guru.

UPSC

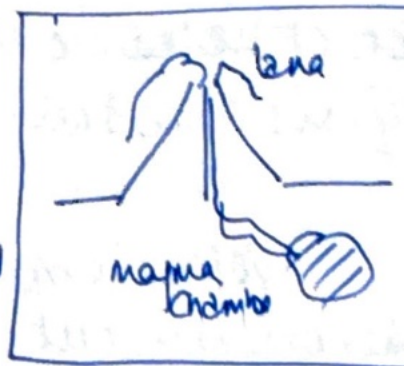
Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

Q4 Recent volcanic eruptions in Italy and Hawaii have gained attention towards the phenomenon of volcanism



Processes in Volcanism

① Magma from the magma chamber finds its way to the mouth of the volcano, and comes out as lava



② Often heat is also released in the form of geysers

③ Old faithful, USA and hot springs

④ Manikaran, Himachal

⑤ Volcanism also leads to earth flows like LAHAR

Please do not
write anything
except the
question number
in this space.
कुछ भी लिखें
सिवाय प्रश्न संख्या
के।

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस स्थान पर
किसी भी लिखना
बिना
Candidates
must not
write on this
margin

Settings of Major Volcanic Regions

① Nearly $\frac{2}{3}^{\text{rd}}$ of volcanic activities occur around the "ring of fire" which is at the junction of pacific plate on one side and north american, south american plates on the west side, along with eurasian, & indo-australian plate on the east side.

The convergent nature of plate boundaries leads to volcanism.

② [Mid Continental Region] along the boundary of eurasian v/s Indo-australian & african plate is another convergent boundary with lots of volcanic activity.

(e) Mt Etna, Italy → lighthouse of mediterranean

Volcanism is natural geophysical phenomenon, but we must develop our disaster management capacity to deal with its aftermaths.

UPSC

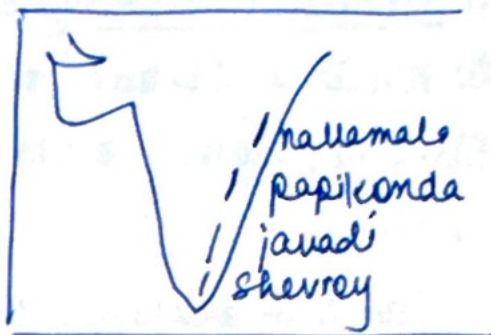
Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस हस्तिलेख में
कोई लिखने
बाधा नहीं
होगी।
Candidates
must not
write on this
margin

Q5. Eastern ghats are one the oldest relief features in the Indian subcontinent.

Geophysical features

- ① found along the eastern coast
- ② Not continuous and made up of a series of hills.



- ③ Their height decreases from North to south
- ④ Their slopes are gradual and not steep owing to the weathering over time

ECOLOGICAL IMPORTANCE

- ① Vegetation Eastern ghats are home to rich moist & dry deciduous forests
- ② Seechalam hills, Andhra Pradesh.

- ② Unique Biodiversity home to endemic species ③ red Sanders, perdon cactus etc

- ③ Rainfall their disjointed orientation allows the Bay of Bengal branch of monsoon inland, bringing in rainfall into the interiors of Deccan plateau.

Please do not
write anything
except the
question number
in this space.
कुछ इस स्थान
में प्रश्न संख्या से
अन्य कुछ
न लिखें।

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस स्थान पर
कभी लिखना
चाहिए।
Candidates
must not
write on this
margin

④ Resources ~~have~~ Eastern ghats are rich in resources like aluminium.

⑤ Cultural Diversity eastern ghats are home to various tribal groups @ Khonds → Odisha, Koya → andhra pradesh.

Eastern ghats are thus an important physical feature along with having great economic, ecological & cultural significance. We must protect them against unsustainable mining & depopulation.

UPSC

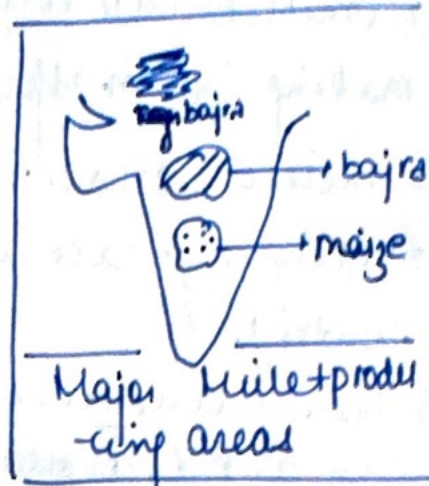
Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

कमिटर के
द्वारा
यहाँ
परिभाषित
कराया
गया
है।
किसी
प्रकार
के
लिखने
के
लिए
यहाँ
परिभाषित
कराया
गया
है।

Q6. Recently the year 2023 was celebrated as the International Year of Millets, highlighting the importance of the nutri cereals.

Ecological Significance

- ① Millets are drought resistant and require minimal irrigation. Thus limiting land degradation.
- ② ~35% is facing land degradation (ISRO)



- ③ millets require minimal application of fertilizers, thus reducing nitrous oxide emissions. ④ nitrous oxide emissions have increased nearly 120% since industrialisation.
- ③ Minimal irrigation ~~limits~~ further ground water extraction. ④ In India 1/6th of ground water resources are over exploited.

Nutritional Significance

India ranks 117th on the global hunger index, 1 in 3 kids in India is malnourished and 50% of women are anaemic (NFHS-5), millets can

Please do not
write anything
except the
question number
in this space.
कृपया इस स्थान
में केवल प्रश्न संख्या
लिखें।

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस स्थान पर
कोई लिखना
नाहीं।
Candidates
must not
write on this
margin

help

- ① act as sources of micro nutrients like calcium, zinc and vitamins
- ② millets are low in glycemic index making it an affordable gluten free choice
- ③ millets create lower blood sugar spikes helping regulate diabetes and in weight control.
- ④ Given the rising obesity in India, millets can act as a healthier alternative

To achieve the multidimensional goals of increasing farmer incomes, nutritional security and environmental sustainability the Govt has done well to establish MIIRA, in Hyderabad to promote R&D in millets

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

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

07

Recently there have been concerns regarding arctic amplification which has led to 4-times the increase in temperature in the arctic against global average leading to fast melting of arctic ice.

Consequences

1. Biodiversity

① lead to decrease in population of tundra fauna

② Polar bear population has decreased by 50%.

③ Changes in breeding season due to early onset of spring and warmer winters

④ increase in human-animal conflicts as animals are forced to leave their traditional habitat in search of food.

B. ECOSYSTEM

1. lead to ~~more~~ thawing of permafrost which will lead to CH₄ emissions and increase health risks for humans as latent pathogens might re-emerge

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

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस स्थान में
कभी भी लिखना
नाहीं।
Candidates
must not
write on this
margin

② land destabilisation and soil liquefaction
are also possible

③ increased instances of avalanches

④ rise in sea levels, threatening
human coastal habitation

Global Ecological Balance

① decrease albedo, increasing global
temperatures thus increasing global warming

② it may weaken the polar vortex leading
to extremely cold winters in higher latitudes

③ may increase unpredictability of
phenomenon like monsoon, el nino, la nina etc

④ it will weaken atlantic meridional
oceanic circulation leading to negative
impacts on global climate.

Melting of arctic ice is a serious issue.
The Arctic Council must look into it
to come up with urgent remedies.

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

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

Q8. Recently the Uttarakhand has brought in its own UCC. The UCC is a set of uniform civil laws concerning marriage, divorce, adoption etc contained in article 44, Part IV of the constitution

UCC contradicts religious pluralism & cultural differences

Arguments for | ① Article 25 allows for freedom of religion to all citizens.

② UCC ignores cultural diversity in India.

③ Khasi tribe → matrilineal
mainland tribes → patrilineal.

④ It may be against certain religious practices.

⑤ Islam allows polygamy but UCC bans polygamy

⑥ It contradicts art 29 & 30 (cultural rights)

Arguments against

① religious and cultural rights in Part III are not absolute and subject to reasonable restrictions

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

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस हाशिए में
कोई लिखना
नाहीं
Candidates
must not
write on this
margin

① Religious practices and civil laws often lack progressiveness which breeds discrimination especially against women.

② Parsi women lose their inheritance if they marry outside the community.

③ "Uniform" in UCC does not mean common for all, there is scope to accommodate the diversity in a uniform code which is progressive.

UCC does not contradict religious & cultural diversity but enables them by reforming civil laws, however there is a need to build consensus across communities to address their concerns.

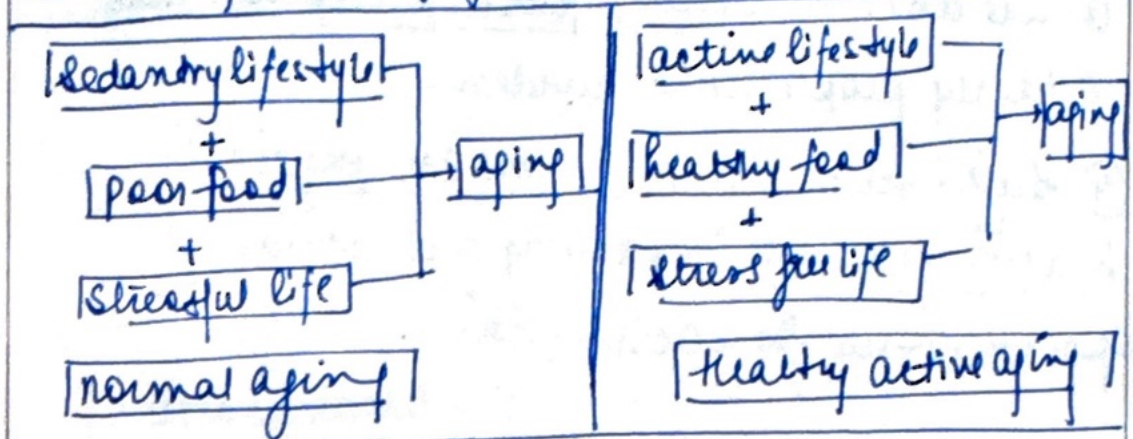
UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को इस कृपियाँ में नहीं लिखना
Candidates must not write on this margin

89. Nearly 51% of the population in India is of working age along with 8% elderly population this is set to increase to nearly 16% by 2020 as per some reports.

Concept of healthy aging



Advantages of healthy active aging

- ① decreased instances of non communicable diseases ② 460% deaths in India due to NCDs
- ② decrease in case of neuro-degenerative diseases ③ alzheimers, parkinson's disease
- ③ improved mental health of elderly.
- ④ decreased overall cost of health expenditure
- ⑤ improved quality of life.

Role in Social Inclusion

Elderly who are able to undergo healthy

Please do not
write anything
except the
question number
in this space
कुछ भी लिखने
से बचें। केवल
प्रश्न संख्या
यहाँ लिखें।

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस स्थिति में
कोई लिखना
नाहिए।
Candidates
must not
write on this
margin

active aging can —

- ① Contribute to silver economy and gain financial dependence
- ② Be self confident and are able to thrive in social settings decreasing loneliness.
- ③ are able to change public perception that elderly people are a burden.
- ④ Suffer from fewer mental and physical health diseases improving and increasing opportunities for socialisation.

Healthy active aging is the need of the ~~earth~~ hour, we must focus on middle aged and youngsters to encourage them. Fit India & Eat Right Campaign are helpful in this regard.

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस हार्डिले में
कोई लिखना
चाहिए
Candidates
must not
write on this
margin

- 10 The advent of digital commerce & quick commerce platforms like amazon, mynta, blinkit have led to compulsive consumption in the urban population.

Impact on Family Structure

① Decrease in Time Spent Together

Earlier families shopped together & watched TV together, now consumption of goods & content is app based. This has led to —

- 1.1 increased isolation
- 1.2 increased inter-generational gap.
- 1.3 decreased bonding

② Increased Pressure

To keep up with the costs of compulsive consumption many people are now taking up more work @ platform based gig work. This

- 2.1 increased stress amongst family members
- 2.2 increased family disputes over money

③ Nuclearisation

It has also led to younger generations

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Record - For Practice Purpose Only)

increasingly wish to live separately due to ideological differences from their parents leading to break up joint families.

Other issues

- ① environmental problems of waste management in urban areas.
- ② increased materialism and hedonism
- ③ Increased vulnerabilities of pig workers in the absence of safety nets. @ average pig worker → works 10-12 hrs/day.

"There is enough for on this earth for everyone's need but not for everyone's greed" Gandhiji

Mission Ujjai is a step in the right direction to promote a circular economy.

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस हार्डिंग से
गहरी निगरानी
करनी चाहिए
Candidates
must not
write on this
margin

Q11

Vijaynagar dynasties comprise of 4 ruling lineages namely Sangama, Sulana, Tuluva, Chavidya during 14-17th century in present day South India.

Key Architectural Features

① Urban Planning

Abdul Razzak has highlighted that vijaynagar cities →

- 1.1 4 layers of fortification
- 1.2 well laid out roads
- 1.3 highly developed irrigation & water harvesting system
- 1.4 stratification between small & large houses highlighting class segregation.

2. Fort Architecture

- 2.1 Technique no mortar was used
- 2.2 Material locally available basalt & granite were used
- 2.3 fort complexes had water sources like ponds, reservoirs

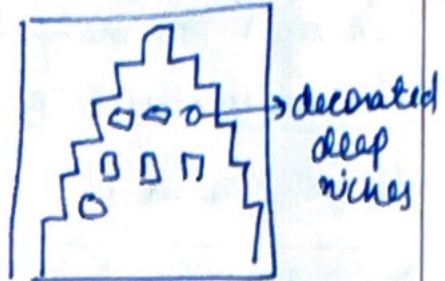
UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

कандिडेटों को
इस प्रश्न में
यहाँ लिखना
पड़ता है।
Candidates
must not
write on this
margin

③ Temple Architecture

① Krishna Deva Raya famously expanded the idea of gopuram and made tall & grand Raya gopuram as temple gateways



② art was intrinsic part of temple
③ lepanchi paintings

Indo-Islamic Influence

Vijayanagara dynasty is contemporary to the rule of Delhi Sultanate this led to fusion of different architectural ideas.



① new architectural features like domes were incorporated ② Gol Gumbad

③ the horseshoe arches were appropriated

④ minarets were also made.

⑤ new typologies of structures like public gardens, mausoleums, mosques

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस हद्दिए में
यही लिखना
प्राप्त है।
Candidates
must not
write on this
margin

were patronised

Vijaynagara was not only a strong political dynasty but also had a rich cultural history. The fact that recent Salman Rushdie book 'Victory City' draws inspiration from it is a testament to its legacy.

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

Q12. Recently the PM Modi inaugurated the campus of Nalanda University highlighting the rich history of higher education in India.

Nalanda and Taxila were centres of higher education during ancient Indian history.



Nalanda & Taxila v/s

Modern University

Pedagogy: oral tradition
focus on observational learning

written tradition
focus on getting grades & placements

Subjects taught: philosophy, astrology, medicine, buddhism

more scientific and less spiritual subjects

Students: from across the world joined

mostly Indian students

Finances: independent
Nalanda had access to revenue of 100 villages

depend on central & state funds

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parentheses.
(Suggested Answer Boxes - For Practice Purposes Only)

उत्तरों में
शब्दों की
संख्या
अधिक
नहीं होनी
चाहिए।
उम्मीदवार
कोई भी
लिखित
उत्तर
यहाँ नहीं
लिखना है।

Academic freedom teachers were free to experiment with their courses

teachers are bound by standardised curriculum.

Lessons to be learnt from ancient universities

- ① Increasing critical discourse regarding academic debates and enhance academic freedom @ recent case of Ashoka university overcome
- ② Ensure financial independence of universities
- ③ strive to become international centres of academic excellence attracting best global minds and decreasing brain drains
- ④ Reorienting pedagogy to focus on moral values and spiritual discourses.
- ⑤ Groom teachers to be the best in their fields @ Panini, Nāgārjuna all teachers at Taxila & Nalanda.
- ⑥ Improve campus atmosphere to decrease instances of ragging, suicides etc.

Do not
write anything
in the space
provided for
writing the
answer.

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस परीक्षा में
कोई लिखना
बनाई
Candidates
must not
write on this
margin

We have a lot to learn from our
past. the NEP 2020 paves way for
realising these goals through strategies
like Blue print scheme and academic
bank of credit

UPSC

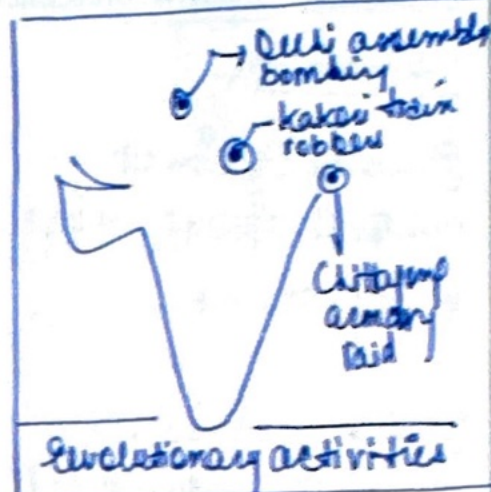
Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

Q13

The disillusionment with Gandhian politics and influence from the Russian revolution led to the development of the Revolutionary movements in 1920s-1930s.

Similarities

- ① Both were anti colonialism and reflected deep patriotic sentiments
- ② Both wanted to weed out social evils like casteism, violence against women, communalism from the Indian society
- ③ Both wanted to improve upon the colonial economic structure.
- ④ Gandhi → Cottage industries
Bhagat Singh → modernisation.



Differences

Revolutionaries vs Gandhi

- ① Did not shy away from using violence
- ① was anti violence and preached ahimsa

Please do not
write anything
except the
question number
in this space.
कृपया इस स्थान पर
केवल प्रश्न संख्या
लिखें।

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस स्थान पर
कभी भी लिखना
नहीं है।
Candidates
must not
write on this
margin

- | | |
|--|--|
| ① bombing in central legislative assembly | ① Champaran Satyagraha |
| ② They believed in extreme <u>communism</u> & <u>socialism</u> | ② believed in <u>fram suvarajya</u> & <u>stateless society</u> |
| ③ was against negotiations with government | ③ negotiated with government to realise <u>feals</u> |
| ④ Relied Relied on <u>quixotic individual heroism</u> | ④ Gandhi-Irwin pact |
| ⑤ did not enjoy wide popularity | ⑤ relied on <u>collective strength of masses</u> |
| ⑥ movements were short lived and easily suppressed | ⑥ enjoyed massive popularity |
| | ⑦ movements were long and tough to suppress |

Influence on one another

- ① Though Gandhiji was against use of violence he too called for "do-or-die" during the Quit India Movement

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

Please do not
write anything
except the
question number
in this space.
कुछ भी न लिखें।
केवल प्रश्न संख्या
यहाँ लिखें।

उम्मीदवारों को
इस स्थान पर
केवल प्रश्न संख्या
लिखनी है।
Candidates
must not
write on this
margin

② Though revolutionaries relied on violence
their intent was never to hurt or cause
casualties they only wanted to "make
the deaf hear" reflecting foundational
value of ahimsa.

Both revolutionaries & Gandhiji had a
role to play in our freedom struggle. @
our fundamental duties urge us to respect
these noble ideas of the freedom struggle.

UPSC

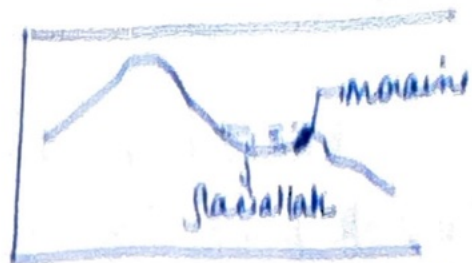
Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parentheses
(Specimen Answer Booklet - For Practice Purpose Only)

- (Q) The recent glacial lake outburst in Lehim has increased interest in glacial landforms in the Indian Himalayas.

Types of Glacial Landforms

A. Depositional

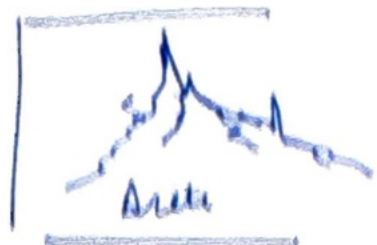
- ① Glacial lakes formed by glacial meltwater



- ② Moraines are sediment deposits formed by plucking & clapping of rocks
- ③ Drumling are inverted boat shaped depositions formed in glacial plains

B. Erosional

- ① Corries are horn shaped peaks formed by wind & glacial erosion



- ② U-shaped valleys are formed by glacial undercutting along the slopes.

Impact

Local ecosystem

- ① unfused vegetation only tundra vegetation

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
यह सूचना है
यहाँ लिखना
नाहीं
Candidates
must not
write on this
margin

- Of lichens & mosses survive in these areas.
- ① few fauna very few animals like snow leopard can be found in these areas
 - ② Extremely low temperatures all year round.

Human activities

- ① glacial landforms attract tourists
④ Kailash Mansarovar lake
- ② glacial topography is ideal for trekking
④ everest base camp trek
- ③ help in understanding geomorphology of himalayas, and of the subcontinent and are thus important for R & D purposes.

Negative Impact

- ① Climate change has increased vulnerability of glacial himalayan glaciers
④ Ponxilungpa glacier has receded
- ② Increased instances of GLOFs
④ Kedarnath 2013, Sikkim 2023
- ③ increased instances of avalanches & landslides

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

The Himalayas are extremely crucial of our ecology, culture & economy, the National mission on sustainable Himalayan ecosystem must be utilised conserve our glaciers

UPSC

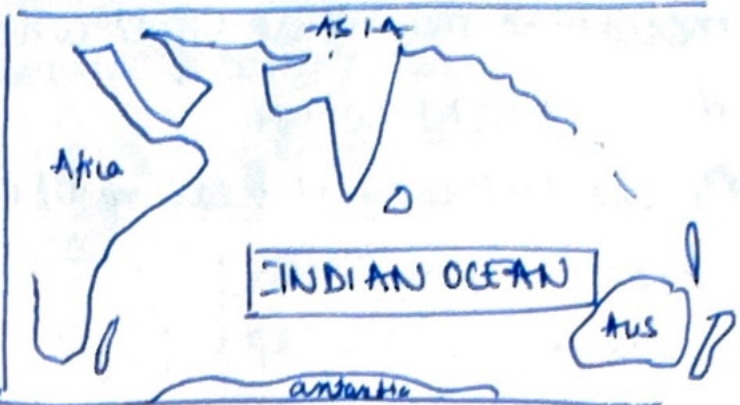
Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

Q15

The Indian ocean is the only ocean named after a country. highlighting its uniqueness.

Geographical features

① Unlike other ocean basins it is only a "half ocean basin"



② Pacific $\begin{matrix} \text{north} \\ \text{south} \end{matrix}$, Atlantic $\begin{matrix} \text{north} \\ \text{south} \end{matrix}$

③ It is bound ~~all~~ on all sides by continents

Impact on global oceanic circulation patterns

① Since the Indian Ocean experiences the most strong seasonal reversal of winds during monsoons, this also leads to changes in direction of oceanic currents

② normally somali current travels south from the horn of africa but during monsoons it travels north towards the Indian subcontinent

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

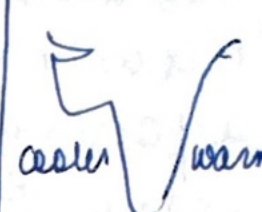
Impact on Climate of Indian Subcontinent

① Indian ocean surrounds the peninsula increasing maritime effect and keeping the Subcontinent cooler.

② the differential heating of the west &

East Indian Ocean leads to the develop-
ment of Indian

Ocean Dipole which influences the Indian monsoon

	
<u>Positive Dipole</u>	<u>Negative IOD</u>
<u>Good for monsoon</u>	<u>Bad for monsoon</u>

③ marine heatwaves in Indian ocean of late are leading to increasing temperatures around the coasts.

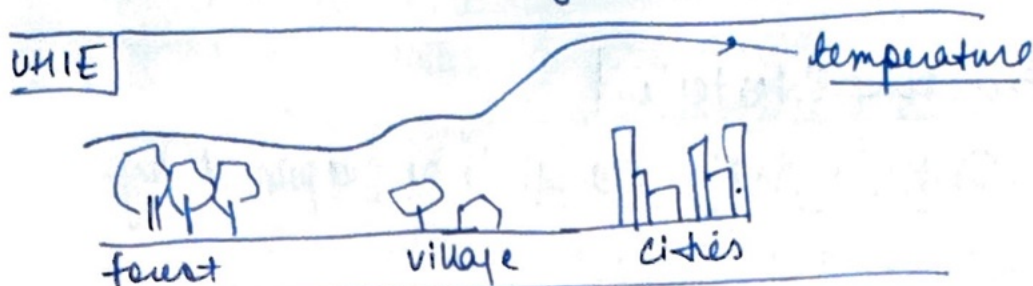
Given the significance of Indian Ocean India should make use of Indian Ocean Rim Association and Indo-Pacific Ocean Initiative to increase R&D in marine biology of Indian ocean.

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस छवि में
यहाँ लिखना
चाहिए
Candidates
must not
write on this
margin

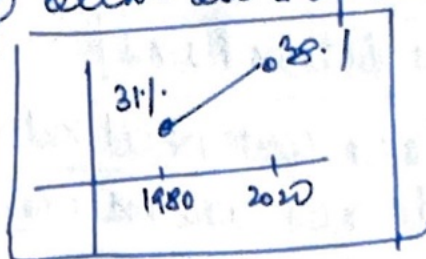
- Q16. Urban heat island effect (UHIE) is a phenomenon which leads to increased temperatures in urban centres, recent heatwaves in Delhi have raised concerns regarding this issue



Factors leading to UHIE

i. Anthropological

- ① increase in built up area and rise in concretisation. ② Delhi's built up area
- ② encroachment upon wetlands & lakes in cities
- ③ nearly 40% of the country's wetlands have been lost
- ④ increased vehicular emissions
- ⑤ increased cooling requirements leading to higher GHG emissions
- ⑥ decreasing green cover in major cities leading to loss of carbon sinks



UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis
(Specimen Answer Booklet - For Practice Purpose Only)

⑥ climate change ⑦ UNEP → global temperatures have risen by 1.1°C

Natural Reasons ① heatwaves
② delayed monsoons ③ droughts

Existing Strategies

- ① Heat Action Plans to be prepared by local governments
- ② model building code: advises adoption of green building strategies

Criticisms

1) Heat Action Plans

1. lack contextual relevance
2. do not address need of vulnerable & marginalised @ poor, street vendors etc
3. don't have RED components
4. underfunded
5. limited awareness across the country regarding HAPs

2) Model Building Code

1. lack of compliance leading to cities

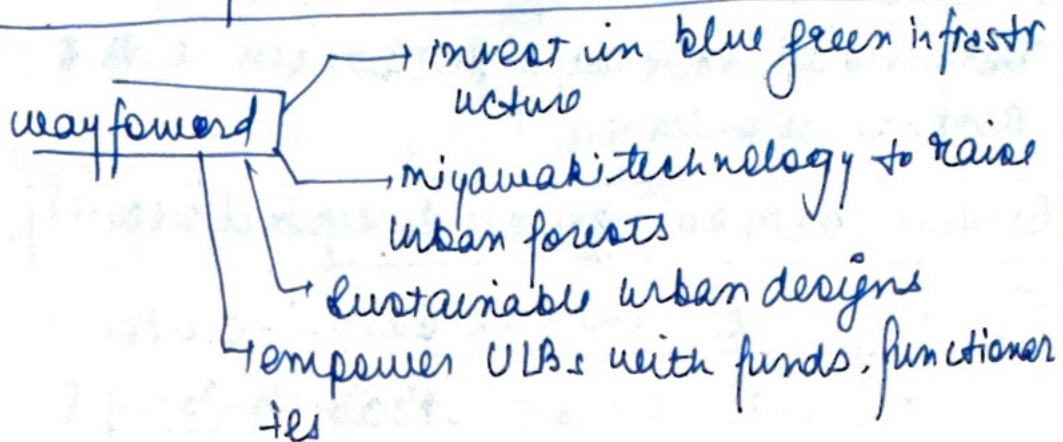
Please do not write anything except the question number in this space.
कृपया इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को इस हानिए से नहीं लिखना चाहिए।
Candidates must not write on this margin

Becoming Concrete Jungles.
2. lack of awareness



Cities house nearly 35% of the
population and contribute 65% to the GDP
we must heat proof our cities to achieve
SDG-11.

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

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

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

Q17.

India is the leading producer of sugar globally with the sugar industry being concentrated in 2 major pockets in north & peninsular India.

Factors Contributing towards regional disparity

- ① Strong cooperative ecosystem in south-western states ensures access to timely & affordable capital
- ② Season: Peninsular India has a longer crushing season, whereas in north India crushing season is limited by the winters.
- ③ Irrigation: access to irrigation even in the dryland areas has greatly increased yields of sugarcane production
- ④ Forward linkages: Better access to roads, cold storages & markets has given a boost to sugar production

Issues with surplus sugar production

- ① Excess sugar production, creates a

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis
(Specimen Answer Booklet - For Practice Purpose Only)

कम्प्यूटरों को
प्रश्न हल करने में
सहायता के लिए
उपयोग
कандिडेट्स
नहीं लिखें
नहीं लिखें

glut in the market, decreasing farmer incomes by leading to distress selling

② Sugar mills have limited capacity, if sugarcane is not crushed within 48h of harvest it leads to loss in sugar content

③ surplus sugar is exported at cheap prices this disrupts global prices raising concerns at WTO

④ Australia's case against India

Measures taken to reduce surplus sugar

① Ethanol blending programme (E20) which strives to reach target of 20% ethanol blended petrol by 2025

② Crop diversification programme by GoI to urge farmers to cultivate crops like pulses, oilseeds etc

Given India's WTO commitments, environmental concerns & farmer's concerns there is an urgent need to manage & reform sugar production in the

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

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस स्थान में
कोई लिखना
नाहीं।
Candidates
must not
write on this
margin

Country, re-evaluating fair & remunerative
price of sugar can help in this regard.

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस हस्तिय में
लिखना
प्राप्त है
Candidates
must not
write on this
margin

Q18 Article 38 states that imperative to ensure justice (social economical and political) which can ~~not~~ be made possible by social mobility in our society.

Barriers to intergenerational mobility

Intergenerational mobility arises when the socio-psychological values & attitudes one generation differ from the rest. It is desirable when these differences are based on differences of opinions on progressive values.

This process faces certain challenges →

① In a joint family setup there is a strong influence of older generations on younger ones.

② Older generations are resistant to change and adoption of progressive values like caste equality, gender equality due to dogma and lack of awareness.

③ There is unincreased reliance on traditional institutions like khaps which often

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

advocate against social mobility by enforcing caste rules, stopping intercaste marriages etc.

Role of Education

- ① Raises awareness regarding values of liberty, equality and justice
- ② helps educate us against negative consequences and legal repercussions of discrimination
- ③ SC/ST prohibition of discrimination act
denury prohibition act.
- ④ Provide for enhanced economic opportunities in urban areas with cosmopolitan culture further helping social mobility by raising our economic class.

Limitations

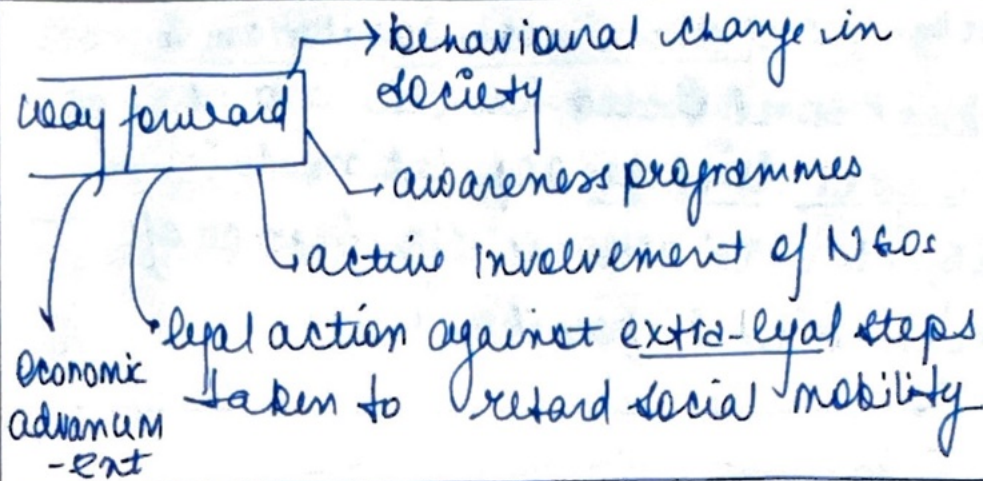
Even educated individuals prescribe to traditional caste identities

- ① Matrimonial ads based on caste lines
limit social mobility

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis
(Specimen Answer Booklet - For Practice Purpose Only)

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



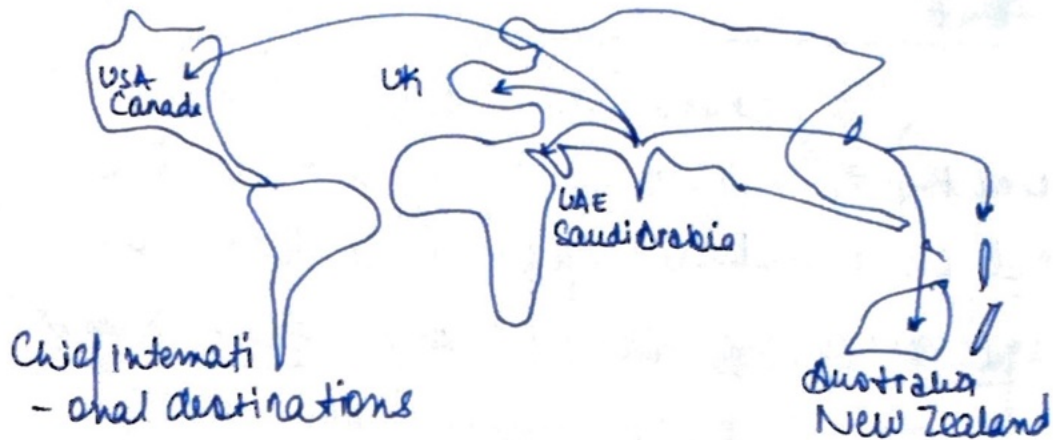
To realise the vision of the Constitution there is an urgent need to rely on a holistic approach based on legal measures, social change, educational reform and economic advancement

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

19

Nearly $1/3^{\text{rd}}$ of the Indian population is migrant and India has the world's largest diaspora population this highlights the immense significance of international & internal migration.

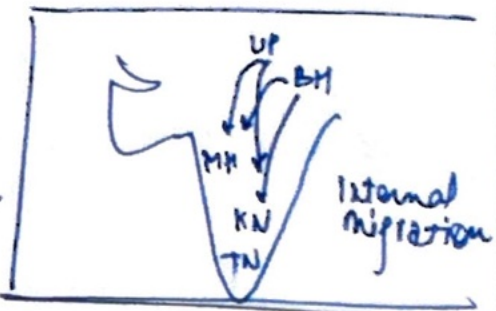


Influence of globalisation on migration

① increased outmigration from India to developed countries like USA, UK etc for better job opportunities

② increased migration of blue collared workers to west asia

③ Globalisation has accelerated the pace of urbanisation in India. This has led to migration



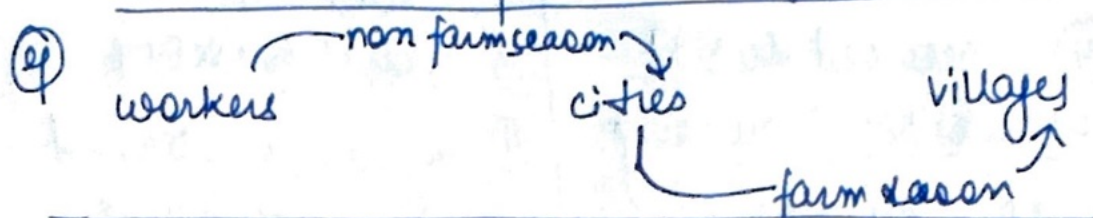
UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

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

from lesser developed states like UP, Bihar to more developed states like Maharashtra, Karnataka etc

④ created patterns of circular migration.



Economic Implications

Positive

- ① access to affordable work force in Indian cities
- ② led to cities → economic engines
- ③ cities → 65% to GDP
- ④ access to better economic opportunities abroad

Negative

- ① increased regional disparities
 - ② per capita income of Bihar → 24k,
 - Karnataka → 1.54 L
- ② increased inequalities
 - ③ top 1% in India → 40% of wealth
- ③ increased urban-rural divide

Social Implications

Positive

- ① increased exposure to liberal & progressive values

Negative

- ① migrants are forced to live slums in urban areas

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

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस स्थान पर
कोई लिखना
चाहिए।
Candidates
must not
write on this
margin

② furthered the cause
for gender equality

③ Increased sensitivity
towards LGBTQIA+

④ Increased social
mobility decreasing
caste barriers

② they lack social
security

③ people often risk
their lives going
abroad via
illegal DONKEY ROUTES

④ migrants abroad
face inhumane
living conditions

④ fire incident in
Dadar.

⑤ face civil rights abuses

④ Kafala system

⑤ also face racism

Globalisation is thus a double edged
sword, we must strive to protect
the rights of internal & international
migrants.

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

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

Q20

The recent crimes in India report 2023 has highlighted a rise in crimes against women. This trend is closely linked to patriarchal values.

Patriarchal values & Feminicide

This value system is rooted in the superiority of men and subjugation of women in all aspects of life. This translates into →

- ① Physical & Sexual Abuse | nearly one in three Indian women reported being abused as per NCRB
- ② Dowry Harassment | women who fail to meet dowry expectations are mentally & physically tortured by their in laws
- ③ Marital Rape | men do not acknowledge sexual autonomy of women and the idea of consent leading to issue of marital rape.
- ④ Acid Throwing & Molestation | are common in public places as women objectification is highly normalised

UPSC

Answer Questions in HET MORE THAN the Word Limit specified for each in the Parenthesis
(Specimen Answer Booklet - For Practice Purpose Only)

① Rape In India there is a ~~ex~~ reported rape case every 16 mins (NCRB) highlighting the disparity for dignity of women.

Modernisation in law

- ① Dowry Prohibition Act: legal prohibition against giving and demanding dowry
- ② Prohibition of Domestic Violence Act: deters against domestic abuse of women
- ③ POSH Act: provides safeguards against sexual harassment at the work-place
- ④ Banning of Triple Talac by Supreme Court

Persistent issues

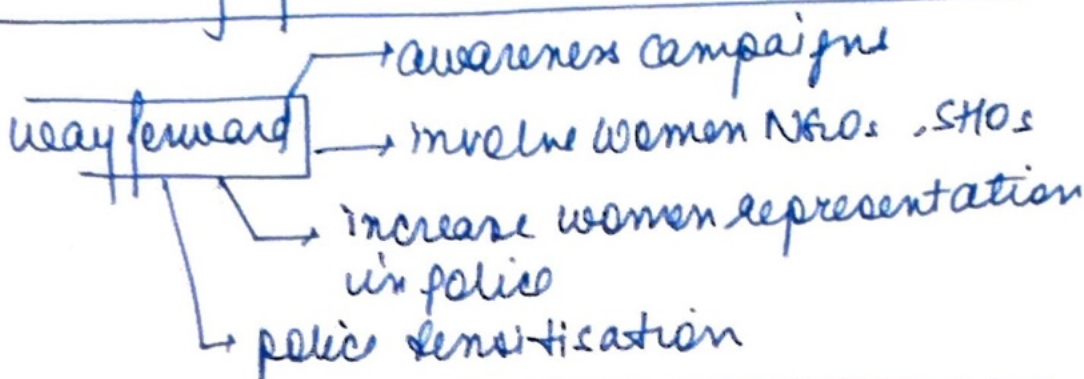
- ① Legal loopholes: ① Instead of dowry people demand "gifts"
- ② Lack of strict compliance: irregularities in compliance of many laws ② lack of formation of internal complaints committee as per POSH

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को
इस कॉलम में
यहाँ लिखना
चाहिये
Candidates
must not
write on this
margin

- ③ lack of awareness
④ Underreporting due to fear of victim shaming
⑤ Judicial delays in prosecution and
ensuring justice.



Crimes against women are a crime
against humanity. we must break
away from shackles of patriarchy to
achieve goals of gender equality and
achieve SDG-5