

VAJIRAM & RAVI Institute for IAS Examination

The Analyst

CURRENT AFFAIRS Handout

29th June 2025

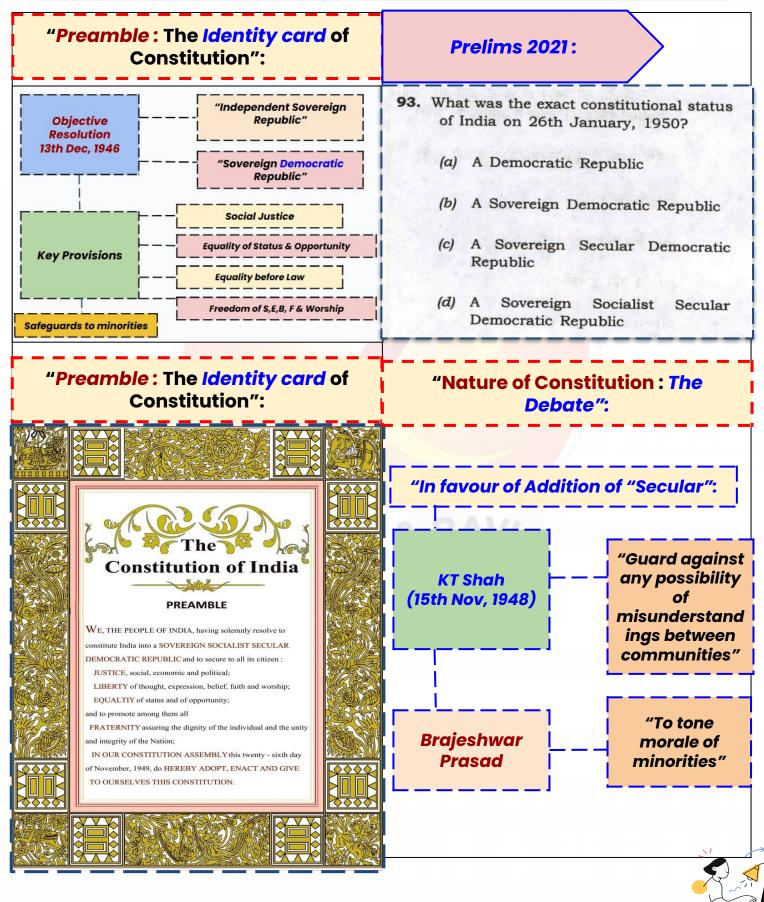
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Socialism & Secularism in Preamble



29th June, 2025

<u>CONTEXT</u>: The article highlights the ongoing debate related to amendments made in the Preamble by 42nd CA 1976 and the implicit "Secular" & "Socialist" Principles in the Constitution.

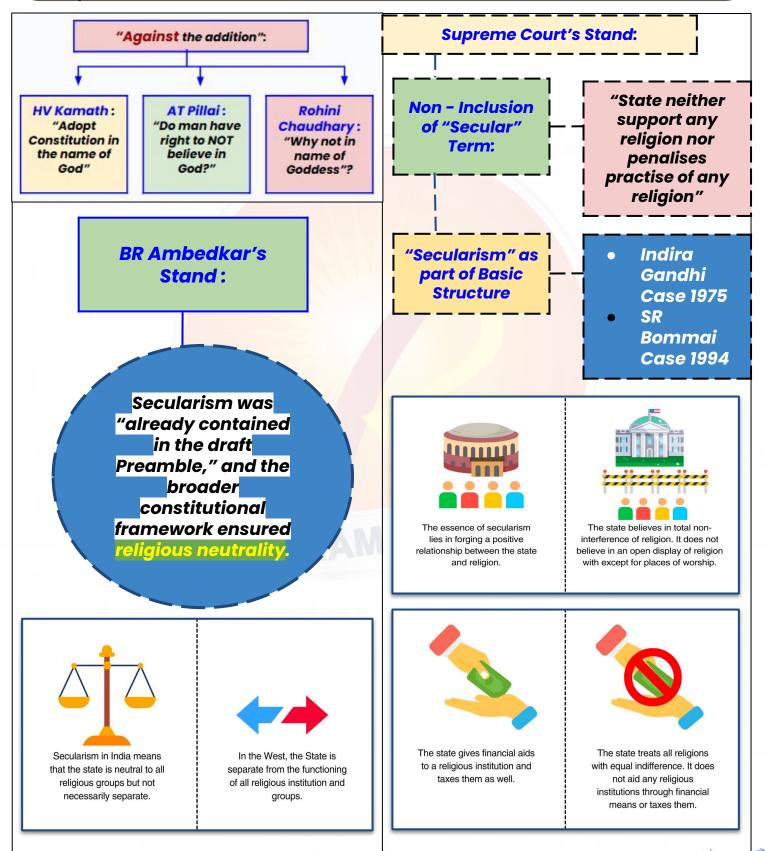


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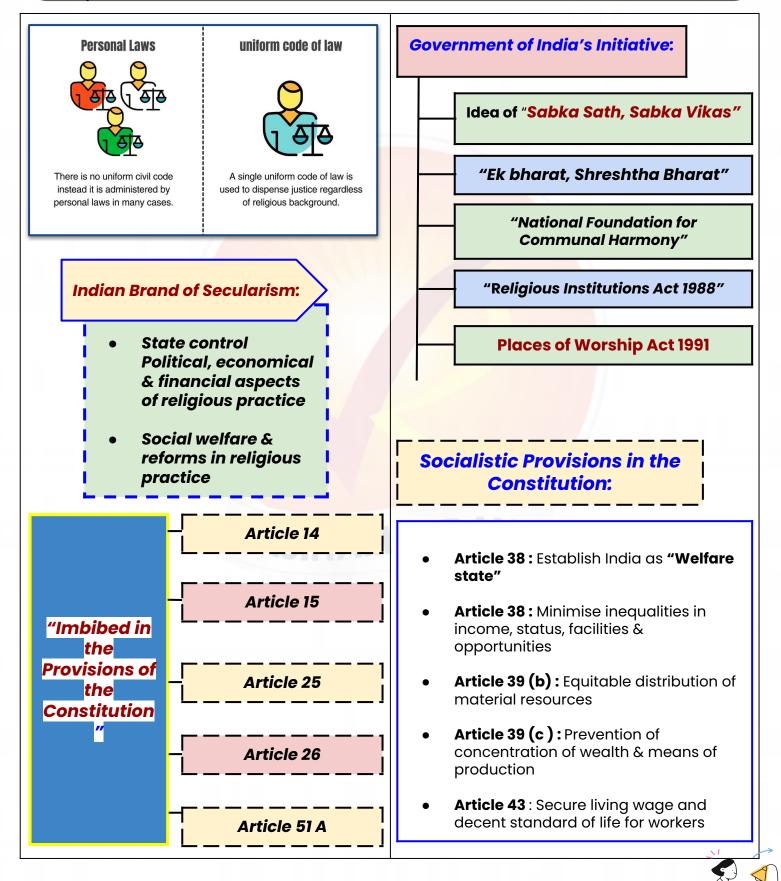


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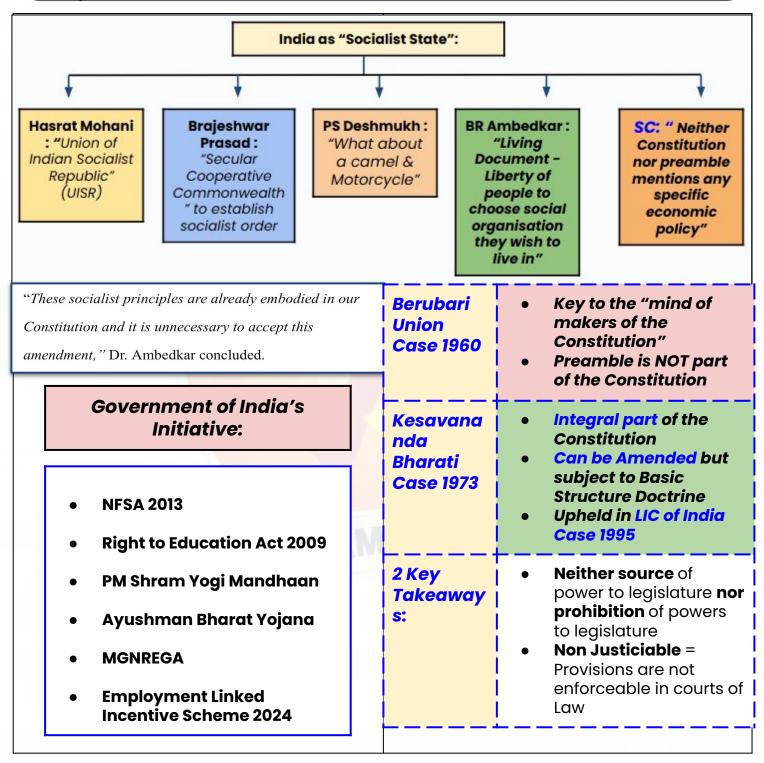


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Socialism & Secularism in Preamble



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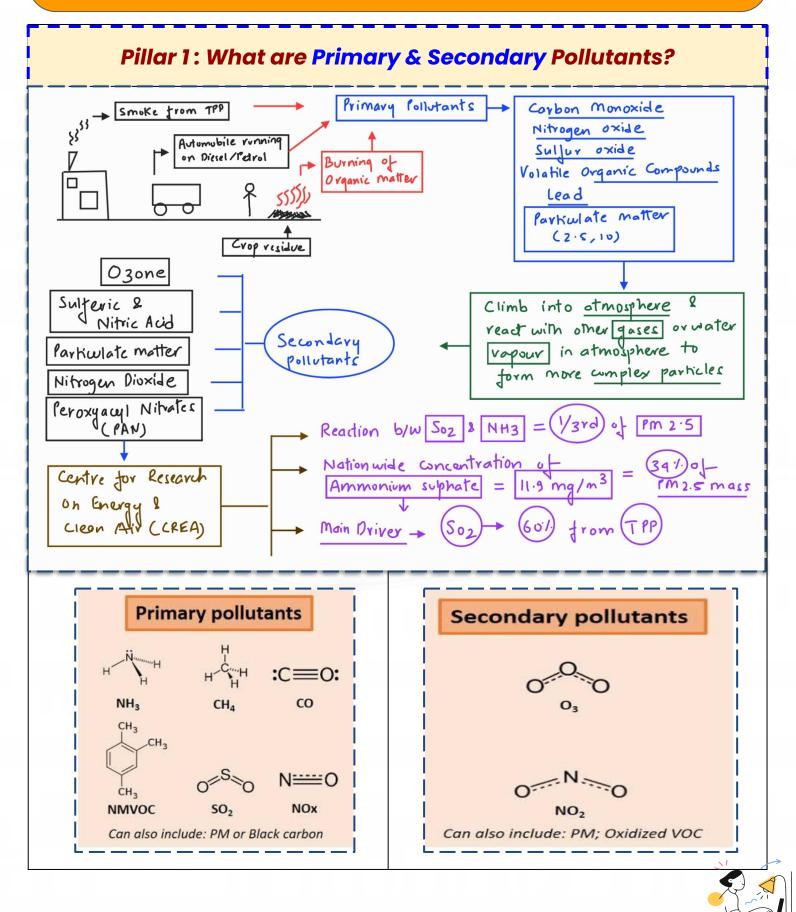
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Prelims 2020 Question	Mains Practise Question
 16. The Preamble to the Constitution of India is (a) a part of the Constitution but has no legal effect (b) not a part of the Constitution and has no legal effect either (c) a part of the Constitution and has the same legal effect as any other part (d) a part of the Constitution but has no legal effect independently of other parts 	Question : "The provisions of "Secularism & "Socialism" were implicit in the Constitution itself before their inclusion i the Constitution by amendment." Critically analyse. (15 Marks, 250 words)



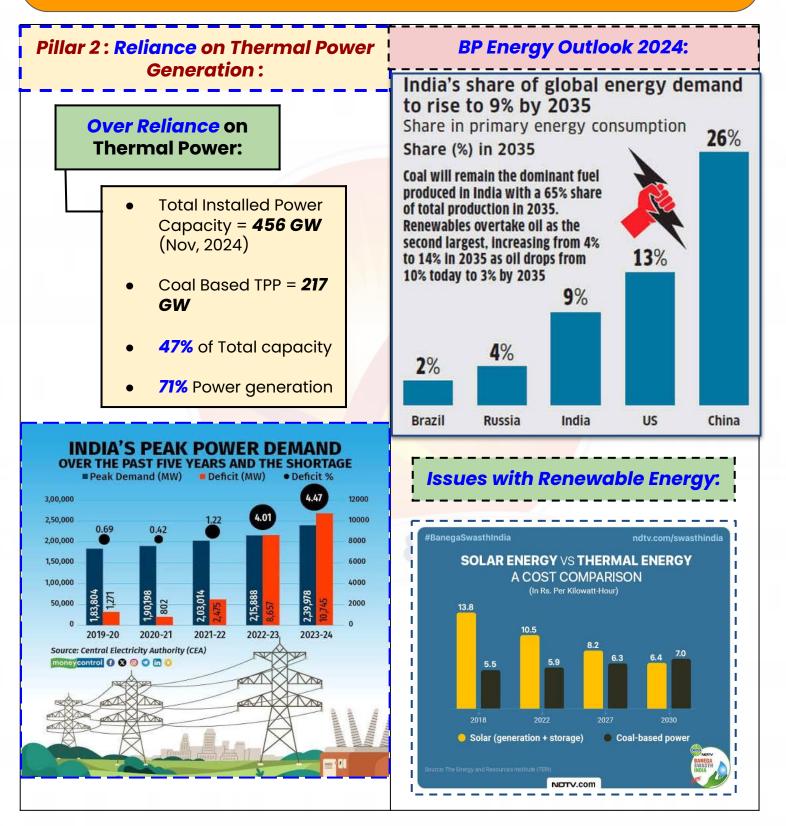


<u>CONTEXT</u>: The article highlights the challenges of controlling S02 Emissions which contribute to the PM 2.5 Pollution in the country.





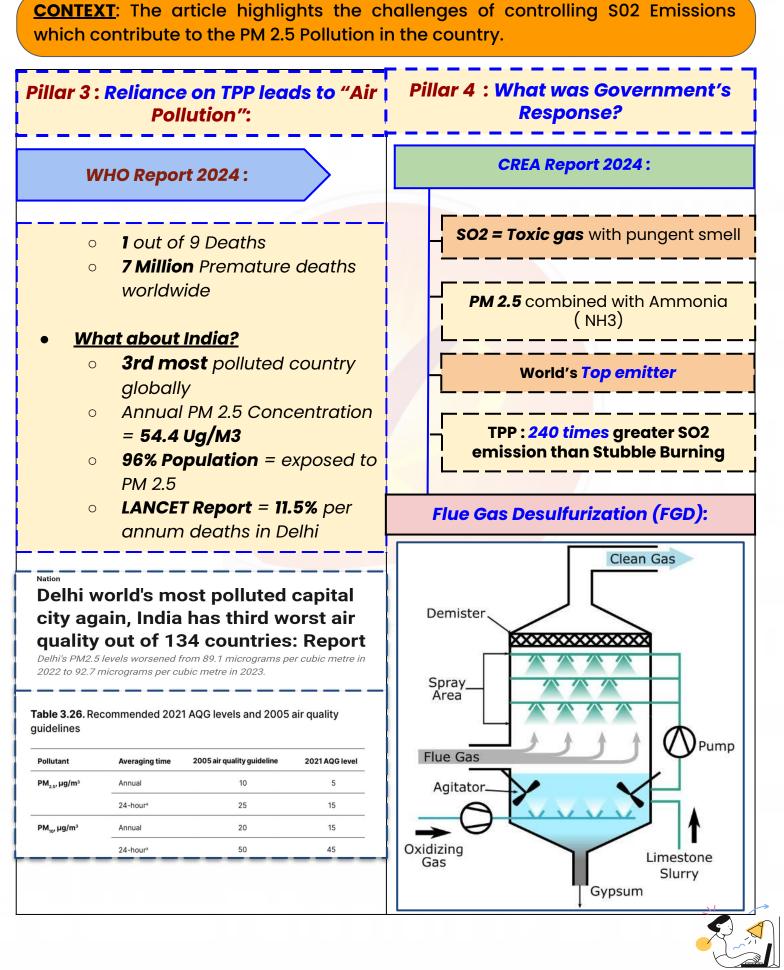
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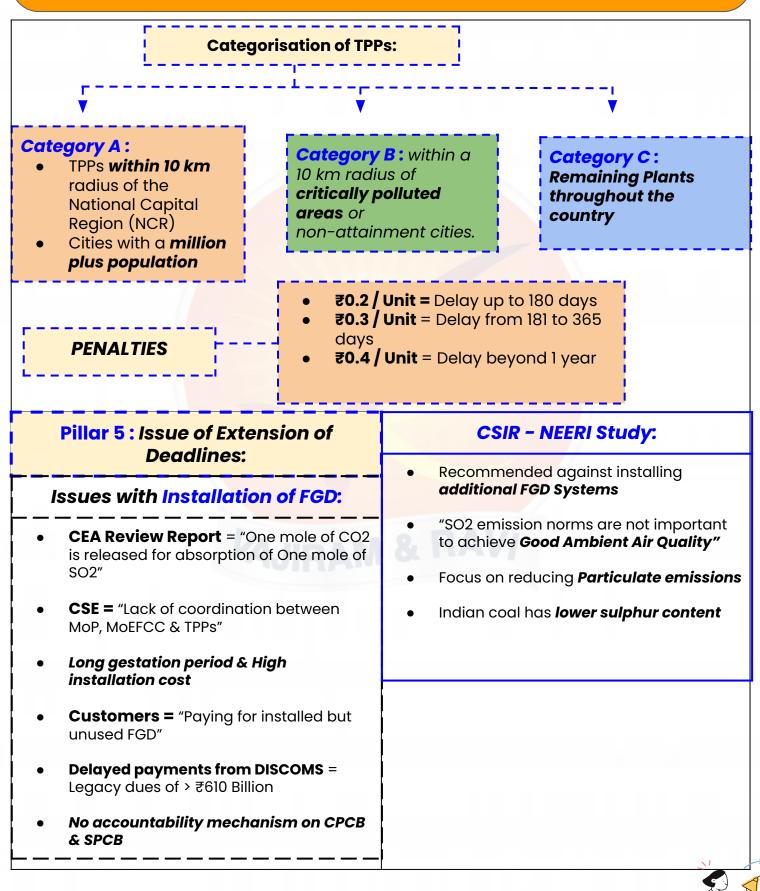
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Controlling PM 2.5 pollution



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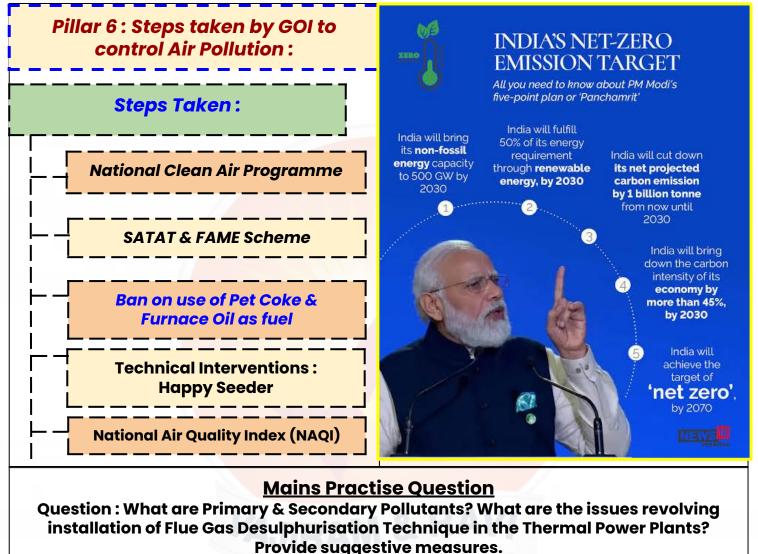


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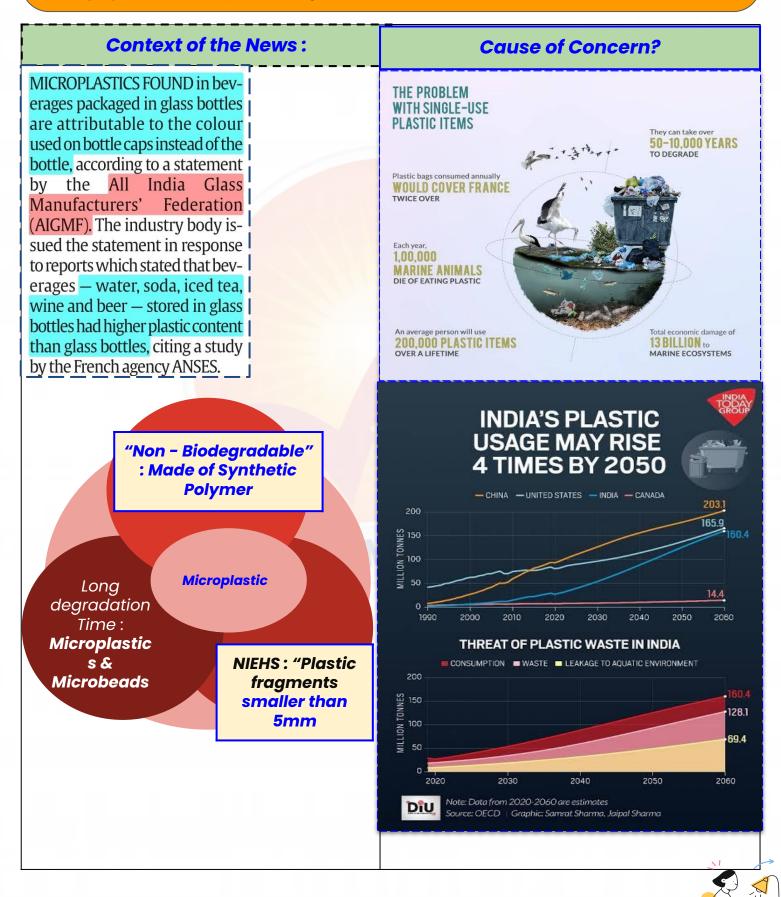
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Menace of Microplastics

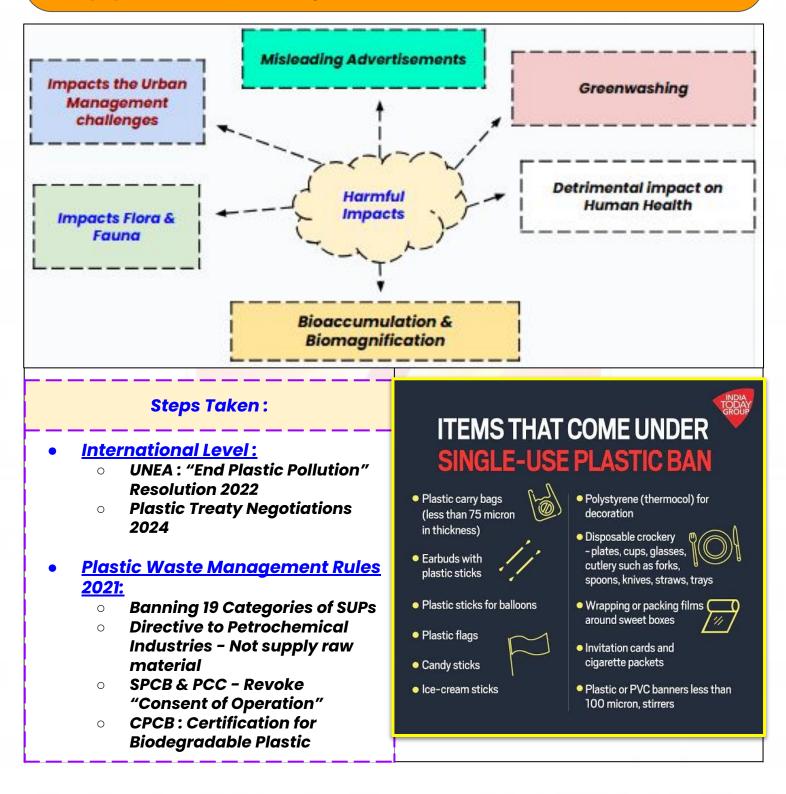


<u>SYLLABUS</u>: GS 3 Paper: Environment Conservation Newspaper: Indian Express; Page Number: 15





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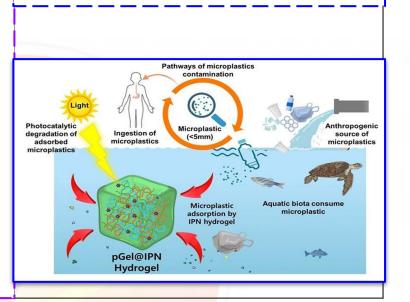


SYLLABUS: GS 3 Paper: Environment Conservation **Newspaper**: Indian Express; **Page Number**: 15

Steps Taken :

- Environment Damage Compensation under EPA 1986
- Extended Producer Responsibility under PWM Rules 2024
- Micro & Nano Plastic Removal Project by FSSAI
- Advertising Standards Council of India : Substantial evidence for "Eco- Friendly" Claims
- Consumer Protection Act 2019: Prohibits deceptive claims & outlines penalties

IISc researchers design novel hydrogel to remove microplastics from water



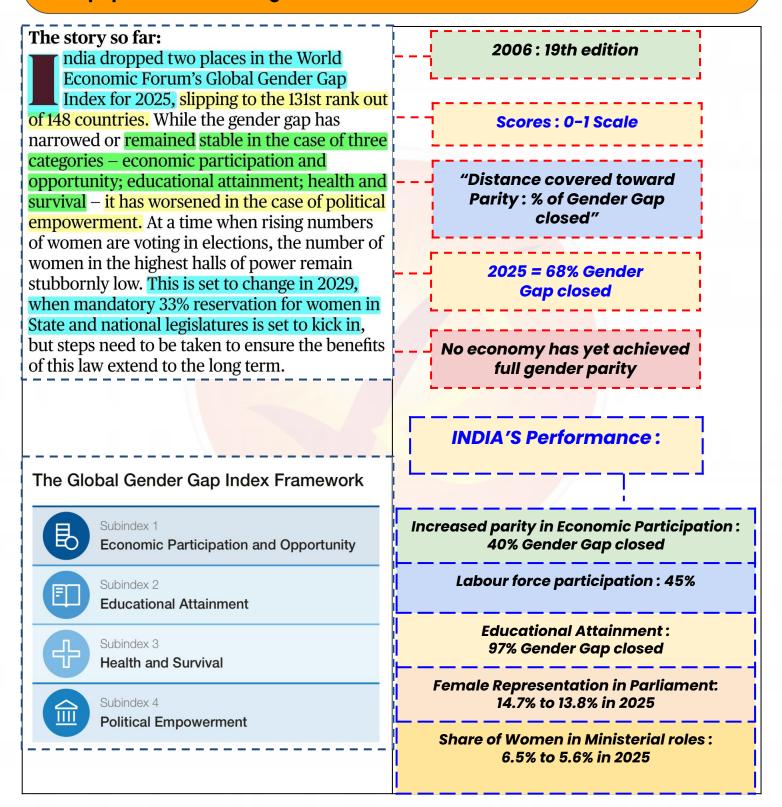


Global Gender Gap 2025



29th June, 2025

SYLLABUS: GS 1 Paper: Issues related to Women Empowerment **Newspaper**: The Hindu: **Page Number**: 12







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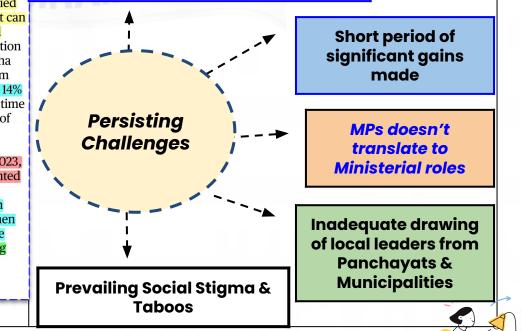
<u>SYLLABUS</u>: GS 1 Paper: Issues related to Women Empowerment Newspaper: The Hindu: Page Number: 12

Rank	Economy	Score	Score change from	Rank change from
		0–1, 1=parity	2024	2024
1	Iceland	0.926	-0.010	-
2	Finland	0.879	0.004	-
3	Norway	0.863	-0.012	-
4	United Kingdom	0.838	0.049	+10
5	New Zealand	0.827	-0.008	-1
6	Sweden	0.817	0.001	-1
7	Republic of Moldova	0.813	0.023	+6
8	Namibia	0.811	0.006	-
9	Germany	0.803	-0.006	-2
10	Ireland	0.801	-0.001	-1
125	Nepal	0.648	-0.015	-8
126	Fiji	0.647	0.005	+2
127	Côte d'Ivoire	0.647	-0.008	-6
128	Kuwait	0.646	0.010	+3
129	Tajikistan	0.646	-0.027	-17
130	Sri Lanka	0.645	-0.007	-8
131	India	0.644	0.003	-2
132	Saudi Arabia	0.643	-0.003	-6
133	Papua New Guinea*	0.638	n/a	n/a
134	Oman	0.637	0.009	+2
135	Türkiye	0.633	-0.012	-8

What will change after women's reservation? The legislation for 33% reservation for women in the Lok Sabha and in State legislatures was passed after a long wait in 2023, but as it is tied to a new Census and delimitation exercise, it can only be implemented from the 2029 general election at the earliest. Women's representation

While more women may become MPs in India, it remains to be seen if ruling parties also appoint them to ministerial roles in higher numbers in the Lok Sabha has ranged from 3.4% in 1977 to 14% in 2019. At the time of the passage of the women's reservation legislation in 2023, women accounted for only 9% of

MLAs in State Assemblies, with Chhattisgarh having the highest representation (18% women MLAs), while Himachal Pradesh had just one woman MLA and Mizoram had none. Jacking these figures up to at least 33% will give a significant boost to India's political empowerment scores. Reservation is valid for only 15 years : Implementable for only 2029 & 2034



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ANDIDATE ECRUITMENT	FUNDING AND CAMPAIGNING		
	CAMPATGNING	CAMPAIGN PERIOD	ELECTION DAY
stablish consensus among arty leadership to promote Jomen's electoral participation	Provide women with skills to raise early money, campaign and build name recognition	Build women's capacities	Ensure women are
onsider adoption of oluntary party quotas for romen candidates and ormalize in recruitment rules	Establish or tap into fundraising networks for women candidates, such as Emily's List	to campaign and consider twinning or mentoring of first time candidates	trained and included as party agents in polling stations
nforce candidate quota rules e. by the election bureau or eadership of the party in line rith the electoral timetable	and Wish List Establish an internal party fund or provide subsidies to women candidates	Ensure women's visibility in the electoral campaign and access to the media	Ensure monitoring includes a gender perspective and en- sures the safety
lace women in winnable ositions on party lists, or in vinnable/safe constituencies	Consider setting a limit on nomination/primary contest expenditure	Ensure the party manifesto articulates policy on gender	of women Women trained
dentify incentives to attract yomen and encourage them to pin the party, such as capacity uilding or advocacy nsure coordination with CSOs	Consider earmarking a portion of party finances (including from public sources if applicable) for women candidates	equality and disseminate it to voters	and included as election monitors
nd organizations providing upport to women candidates orm strategic partnerships and ain support from men	Form partnerships and work with international organizations and CSOs	P. RAVI	
IV. POST-ELECTION PERIOD		Promote the participation of women in policy making of the party; ensure gender mainstreaming in party policies	
Undertake gender equality assessment; develop gender action plan within party Provide capacity building and strengthen legislative skills of elected women Promote gender sensitive political reforms to institutions, particularly in parliament		Encourage formation of cross-party caucus and support its functioning	
		Sensitize party members about gender equality and work with men	



SYLLABUS: GS 1 Paper: Significant personalities in the News **Newspaper**: Indian Express: **Page Number:** 6

Jaina Monk : Acharya Vidyanand ji Maharaj : 599-525BŒ Joined Nirgrantha Yordhamana 30 years sect of Parshavanath Mahavira Kundalagrama, 24 m Tir Mankara Vaishali Jnatrika clan 12/2 years Jimbhikgram KEVALYA Ist Arihant @ Rijupalika (557B4) JNANA or Siddha Sermon Tends Jainism Ahimca Pavapuvi 5) Tenets 12) Gandhara Asterga Nayovada Syndvada Anekanta Indrabbuti vada gautam **Context of the News:** IN A veiled warning to Pakistan, सम्यक-दर्शन without naming the country, Prime Minister Narendra Modi said on Saturday that India had introduced the world to the power of non-violence, but would not allow anybody to meddle with it. सम्यक्-ज्ञान सम्यक-चारित्र

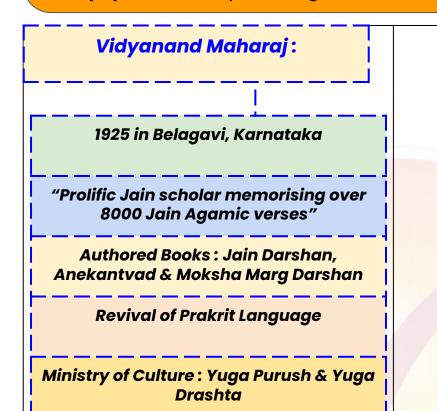
PM Modi was speaking at the centenary celebrations of Jain spiritual leader Acharya Vidyanand Ji Maharaj in New Delhi.

Three Jewels of Jainism

Vidyanand Maharaj



SYLLABUS: GS 1 Paper: Significant personalities in the News **Newspaper**: Indian Express: **Page Number:** 6





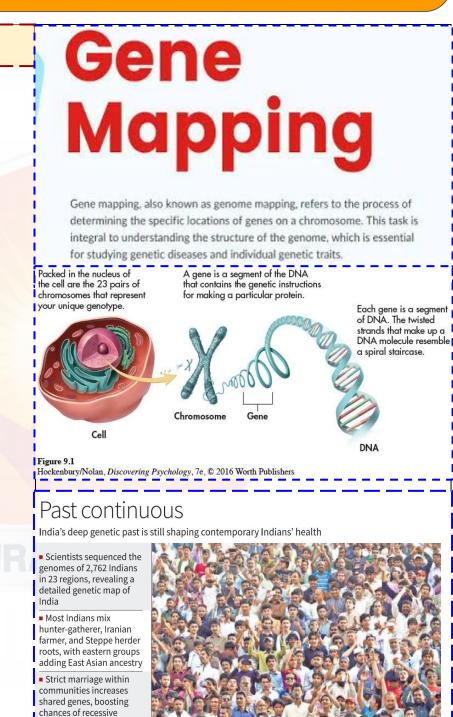
Genetic Map of Indians



SYLLABUS: GS 3 Paper: Science & Technology **Newspaper**: The Hindu: **Page Number**: SCIENCE

Context of the News :

ndia's vast linguistic, cultural, and social diversity has long been evident, but only now are scientists beginning to uncover the genetic richness underpinning it. In a new study in *Cell*, researchers reported sequencing the genomes of 2,762 Indians from 23 States and Union Territories. The data captured variation across caste, tribal groups, language, geography, and rural-to-urban settings, offering the most comprehensive genomic map of India to date.



 Researchers discovered
 2.6 crore new variants, many altering proteins and tied to thalassemia, deafness, and metabolic disorders

diseases like dangerous anaesthetic reactions Indian genomes hold diverse Neanderthal and

Denisovan segments,

piece that raises

COVID-19 risk

including a chromosome 3

 Scientists call for bigger, more community-focused studies so precision medicine fairly serves India's immense genetic diversity

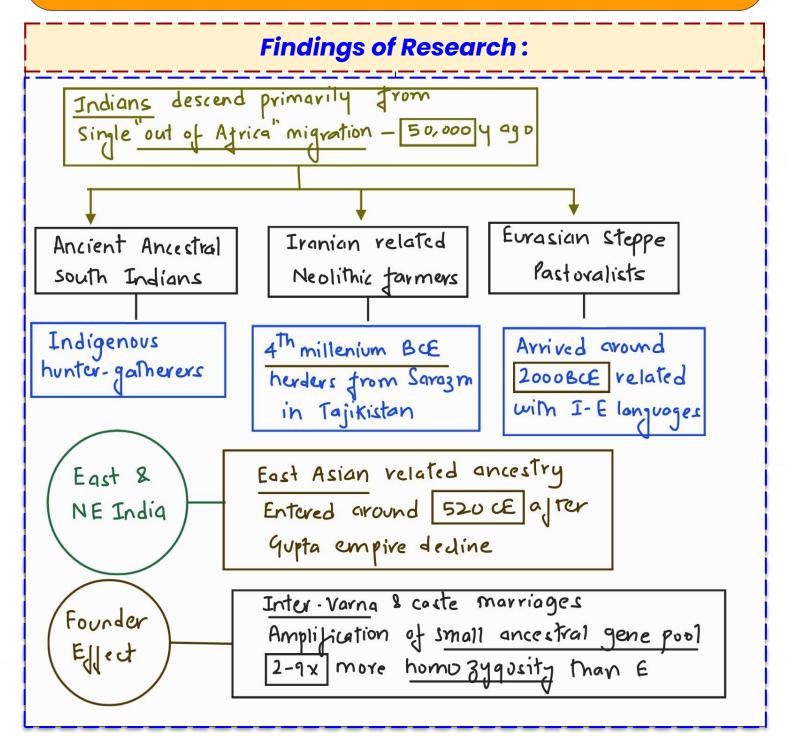






29th June, 2025

<u>SYLLABUS</u>: GS 3 Paper: Science & Technology Newspaper: The Hindu: Page Number: SCIENCE







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Practise the "Uncertainty":

Like all non-Africans, Indians carry traces of ancient interbreeding with other hominins, with Neanderthal or Denisovan segments covering up to 1.5% of the genome in some Indians. They also have the widest variety of Neanderthal segments. "Multiple waves of migration, fol92. The word 'Denisovan' is sometimes mentioned in media in reference to

- (a) fossils of a kind of dinosaurs
- (b) an early human species
- (c) a cave system found in North-East India
- (d) a geological period in the history of Indian subcontinent



1st ever Artificial Rain



29th June, 2025

<u>SYLLABUS</u>: GS 1 Paper: Geophysical Phenomenons Newspaper: The Hindu: Page Number: 2

Context of the News :

elhi is all set for its first date with artificial rain as a trial of the cloud seeding process has been scheduled between July 4 and 11, Environment Minister Manjinder Singh Sirsa announced on Saturday.

"The initiative marks a historic step in controlling urban air pollution. Our aim is to provide Delhiites with clean air. That's why we're taking this bold step of inducing artificial rain. We are hopeful that it will bring about a meaningful change," Mr. Sirsa told mediapersons.

Artificial Rain Process of precipitation through Cloud seeding Dispersing of chemicals : Silver iodide, potassium iodide & dry ice into clouds Acts as nuclei for condensation of water vapour to form larger droplets Stratospheric Aerosol Injection : Inspired by Volcanic eruptions where SO2 & other reflective particles are injected to reduce smog & cool planet 25. In the context of which of the following do some scientists suggest the use of cirrus cloud thinning technique and the injection of sulphate aerosol into stratosphere? (a) Creating the artificial rains in some regions (b) Reducing the and frequency intensity of tropical cyclones (c) Reducing the adverse effects of solar wind on the Earth (d) Reducing the global warming



Daily Quiz



29th June, 2025

Q1. Consider the following statements:

- Secularism in the Indian context permits the State to recognise religious institutions.
- 2. Socialism in the Indian context is entirely aligned with the Marxist model.
- 3. The Supreme Court has held both secularism and socialism as part of the Constitution's basic structure.

Which of the statements given above is/are correct?

- a) 1 and 3 only
- b) 1 only
- c) 2 only
- d) 1 and 2 only

Answer: a

Q2. Consider the following statements regarding microplastics:

- 1. Microplastics disrupt endocrine functions in marine life but not in humans.
- 2. Secondary microplastics arise from the degradation of larger plastic items.

Which of the statements given above is/are correct?

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

Answer: b

Q3. Regarding atmospheric pollutants, consider the following statements:

- 1. Sulphur dioxide and carbon monoxide are primary pollutants.
- 2. Ozone and peroxyacetyl nitrate are examples of secondary pollutants.
- 3. Carbon dioxide is a secondary pollutant formed by microbial action in wetlands.

How many of the statements given above is/are correct?

- a) Only One
- b) Only Two
- c) All Three
- d) None

Answer: b

Q4. Regarding Jainism, consider the following statements:

- 1. The first Jain Tirthankara was Rishabhanatha.
- 2. Chandragupta Maurya adopted Jainism.
- 3. Jain councils were held during the reigns of Kharavela and Chandragupta II.
- 4. Anekantavada is a tenet of Jainism.

How many of the statements given above is/are correct?

- a) Only One
- b) Only Two
- c) Only Three
- d) All Four

Answer: c

Q5. Regarding Gene Mapping, consider the following statements:

- 1. It identifies the exact nucleotide sequence of a gene.
- 2. Recombination frequency is crucial in constructing linkage maps.
- 3. Physical mapping relies on observable traits rather than DNA fragments.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 1 only
- c) 2 only
- d) 1 and 3 only

Answer: c





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