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PYQs
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TREND ANALYSIS: UPSC CSE (2019-2025)

Subject-wise Distribution of Questions: CSE 2025-GS (Paper-I)	
Subject	Number of Questions
Polity	14
Economy	14
Ancient History	4
Medieval History	3
Art and Culture	1
Modern History	8
Geography	12
Environment	13
Science and Technology	13
Current Affairs	18

PYQ (2019-2025) Analysis							
Topic/Subject	2019	2020	2021	2022	2023	2024	2025
Polity	13	17	15	11	12	18	14
History and Art & Culture	16	19	18	17	13	8	16
Geography	7	8	7	7	17	20	12
Environment and Ecology	17	18	19	12	18	14	13
Economy	16	19	14	12	8	12	14
Science and Technology	12	12	12	12	7	10	13
International Relations/Current Affairs/General Knowledge	19	7	15	29	25	18	18
Total	100						

CUT-OFF TRENDS (2019-2024)						
Category	2019	2020	2021	2022	2023	2024
UR	98.00	92.51	87.54	88.22	75.41	87.98
OBC	95.34	89.12	84.85	87.54	74.75	87.28
EWS	90.00	77.55	80.14	82.83	68.02	85.92
SC	82.00	74.84	75.41	74.08	59.25	79.03
ST	77.34	68.71	70.71	69.35	47.82	74.23
PwBD-1	53.34	70.06	68.02	49.84	40.40	69.42
PwBD-2	44.66	63.94	67.33	58.59	47.13	65.30
PwBD-3	40.66	40.82	43.09	40.40	40.40	40.56
PwBD-5	61.34	42.86	45.80	41.76	33.68	40.56

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1. CONSTRUCTION OF ANCIENT HISTORY

1. Consider the following information: (2024)

Archaeological Site		State	Description
1.	Chandraketugarh	Odisha	Trading Port town
2.	Inamgaon	Maharashtra	Chalcolithic site
3.	Mangadu	Kerala	Megalithic site
4.	Salihundam	Andhra Pradesh	Rock-cut cave shrines

In which of the above rows is the given information correctly matched?

Ans: (b) Pair 1 is incorrectly matched: Chandraketugarh is not located in Odisha. It is actually an archaeological site in West Bengal, near Kolkata. It is known for its historical significance as an ancient trading hub and port town, dating back to the pre-Mauryan and Gupta periods. **It is an urban centre** of the ancient state of Gangaridai belonging to the trans-Bengal region at the interface of **West Bengal and Bangladesh**.

The antiquity of the area dates back to eras as early as **4th century BCE**, a period much prior to the Mauryan era and shows evidence in the continuity of subsequent Sunga, Kushana, Gupta, Pala and Sena dynasties.

Pair 2 is correctly matched : Inamgaon is a chalcolithic site in Maharashtra. After the disintegration of the Indus civilization, in a phase known as the Early Jorwe (1400– 1000 BC), hundreds of agrarian villages flourished in the Deccan region of west-central India. Environmental degradation, combined with unsustainable agricultural practices, contributed to the abandonment of many communities around 1000 BC. Inamgaon was one of a handful of villages to persist into the Late Jorwe phase (1000–700 BC), wherein reliance on dry-plough agricultural production declined. The site provides evidence of early farming communities, pottery, and burial practices. It is considered a key site for understanding the Deccan Chalcolithic culture.

Pair 3 is correctly matched : Mangadu is a Megalithic Site in Kerala. The megalithic monuments at Mangadu consisted of 28 hard compact and unhewn laterite blocks within an area of 5 cents of land. The pottery at Mangadu can be classified into three categories namely the huge urns, the medium sized jars are hand made. The associated potteries are of wheel-made pottery and the fabric is black and red and red wares.

Pair 4 is incorrectly matched : Salihundam is a Buddhist Site in Andhra Pradesh as early as the 2nd century CE to the 12th century CE. Here, Buddhism flourished under the patronage of various dynasties, including the Satavahanas, Ikshvakus, and the Eastern Ganga dynasty. The archaeological excavations have revealed numerous stupas, chaityas, viharas and a congregation hall, indicating the importance of this site in the transmission of Buddhist knowledge and wisdom. Rock cut caves are not found in Salihundam.

PW ONLYIAS SUPER HINT

For Row 4, Trust what you've read. If you haven't read about something, chances are it doesn't exist or isn't significant. Heard of rock-cut caves in Maharashtra? Yes—Ajanta, Ellora. In Odisha? Yes—Udayagiri, Khandagiri. Even MP and Bihar have them. But Andhra? Never come across any major rock-cut caves from there. So, if UPSC calls Salihundam that, it's probably wrong. Row 4 is more likely false. Thus eliminating options C and D. Row 1 was a recent PYQ, hence should have been well known, giving option B as correct.

2. In which one of the following regions was Dhanyakataka, which flourished as a prominent Buddhist centre under the Mahasanghikas, located (2023)

Ans: (a) Amaravati in **Andhra Pradesh** holds historical significance as the site of ancient **Dhanyakataka**, a prominent town in the Deccan region of the **later Satavahanas**, as recorded in numerous inscriptions. This area also housed a significant Buddhist settlement. According to some Tibetan scriptures Dhanyakataka is the place where early Kalachakra tradition took off.

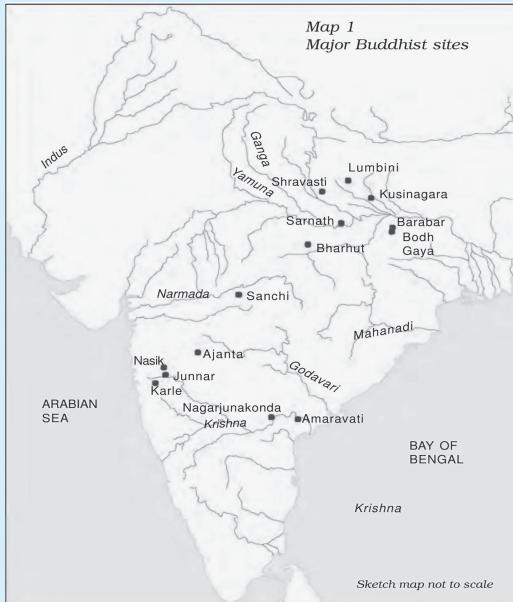
Kalachakra is a Buddhist tantric practice. It was a significant hub of **Mahayana Buddhism** and was associated with the **Mahasanghika** sect. The famous **Amaravati Stupa**, one of the largest Buddhist stupas in India, is located near this site.

Options (b), (c) and (d) are incorrect:

- ❖ **Gandhara** (Pakistan-Afghanistan region) was a center of **Gandhara art and Mahayana Buddhism**.
- ❖ **Kalinga** (Odisha) was significant for **Ashoka's Buddhist transformation** but not specifically for the **Mahasanghikas**.
- ❖ **Magadha** (Bihar) was the heartland of **early Buddhism** but not linked to Dhanyakataka.

PW ONLYIAS EXTRA EDGE

Major ancient Buddhist Sites :



3. With reference to ancient South India, Korkai, Poompuhar and Muchiri were well-known as: (2023)

- (a) Capital cities
- (b) Ports
- (c) Centres of iron-and-steel making
- (d) Shrines of Jain Tirthankaras

Ans: (b) Korkai, Poompuhar, and Muchiri were prominent **ancient port cities** in South India that played a crucial role in maritime trade.

❖ **Korkai** : Korkai, situated in the Thoothukudi district of **Tamil Nadu**, emerged as a significant port city during ancient times, notably flourishing during the era of Tamil Sangam literature. It served as the primary port for the **Pandya Kingdom** during this period.

❖ **Poompuhar**: Alternatively known as **Kaveripattinam**, it stands out as an ancient port city with a vibrant maritime trading legacy. Positioned on the banks of the Kaveri River in the **Mayiladuthurai district of Tamil Nadu**, it served as the primary port for the esteemed **Chola Kingdom**.

❖ **Muchiri** : Muchiri, alternatively referred to as Muziris, stood as an **ancient port city** situated in what is now **Kerala**, close to the town of Kodungallur. It held substantial importance as a trading hub within the Indian Ocean trade network throughout the ancient and medieval eras. Tondi and Muchiri emerged as pivotal ports within the realm of the Chera kingdom. Hence, all the three sites mentioned were well known as Ports in ancient South India.

4. Which one of the following explains the practice of 'Vattakirutal' as mentioned in Sangam poems? (2023)

- (a) Kings employing women bodyguards
- (b) Learned persons assembling in royal courts to discuss religious and philosophical matters
- (c) Young girls keeping watch over agricultural fields and driving away birds and animals
- (d) A king defeated in a battle committing ritual suicide by starving himself to death

Ans: (d) Vatakkiruttal, also known as Vadakiruthal or Vadakiruttal, was particularly prevalent during the **Sangam period (3rd century BCE to 2nd Century CE)**. Tamil Kings, in a bid to uphold their honor and prestige, were willing to face death by fasting, a practice known as "Vatakkiruttal."

5. Consider the following pairs: (2021)

Historical place	Well known for
1. Burzahom	Rock cut shrines
2. Chandraketugarh	Terracotta art
3. Ganeshwar	Copper artefacts

Which of the pairs given above is/are correctly matched?

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

Ans: (d) India's historical sites highlight diverse peculiarities as Bhimbetka's prehistoric rock art, Nalanda's ancient university, Sanchi's stupas, Dholavira's urban planning, Pattadakal's Chalukyan temples, and Khajuraho's erotic sculptures, reflecting the subcontinent's rich contributions to art, architecture, and education across areas.

Pair 1 is incorrectly matched: **Burzahom** (Kashmir) had a well-developed **bone tool industry**. Other finds at Burzahom include pits and coarse pottery. **Rock-cut shrines** were **not** a feature of the **Burzahom site**.

Pair 2 is correctly matched: **Chandraketugarh** is located in the Ganges delta in West Bengal. It is known for its rich collection of **terracotta plaques** and figurines that date back to the pre-Mauryan and Gupta periods.

Pair 3 is correctly matched: **Ganeshwar** is located in the northeastern part of Rajasthan. Hundreds of copper artifacts have been found at this site which suggests it must have been a copper working center.

6. In the context of the history of India, consider the following pairs: (2016)

Term	Description
1. Eripatti	Land revenue which was set apart for the maintenance of the village tank
2. Taniyurs	Villages donated to a single Brahmin or a group of Brahmins
3. Ghatikas	Colleges generally attached to the temples

Which of the pairs given above is correctly matched?

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

Ans: (d) **Pair 1 is correctly matched:** Eripatti was a **special kind of land donated** by individuals. The revenue from it was set aside for the **maintenance of tanks** in the village.

Pair 2 is incorrectly matched: During the Chola administration, occasionally a very large village would be administered as a single unit and this was called Taniyur. These villages were not necessarily just large administrative units but could also be village settlements that were either wholly or largely populated by Brahmins or associated with religious functions.

Pair 3 is correctly matched: **Ghatikas** were educational institutions, often associated with temples, where learning took place. These colleges were centers for higher education, particularly in subjects like philosophy, logic, and religious studies.

PW ONLYIAS EXTRA EDGE

Here is a list of similar historical terms related to land revenue, administration, and education in ancient India:

Term	Description
Brahmadeya	Land grants given to Brahmins, often leading to the formation of Agrahara villages.
Devadana	Land donated to temples for religious and charitable purposes.
Vellanvagai	Land held by non-Brahmin, peasant communities in the Chola administration.
Pallichandam	Land grants given to Buddhist monasteries and Jaina institutions.
Salabhoga	Land or revenue assigned for the maintenance of educational institutions.
Agrahara	A village or settlement granted to Brahmins, often exempt from taxes.
Ghatika	Educational institutions, often attached to temples, known for higher learning.
Matha	Hindu monasteries that functioned as centers of religious and educational activities.
Vasti	Residential settlements.
Nagaram	Towns or trade centers that played a significant role in urbanization.

7. With reference to the scientific progress of Ancient India, which of the statements given below are correct?

(2012)

1. Different kinds of specialized surgical instruments were in common use by the 1st century AD.
2. Transplant of internal organs in the human body began in the 3rd century AD
3. The concept of sine of an angle was known in the 5th century AD.
4. The concept of cyclic quadrilateral was known in the 7th century AD.

Select the correct answer using the codes given below:

Ans: (c) Ancient India made significant contributions to science, particularly in mathematics, astronomy, and medicine. Achievements include the concept of zero and the decimal system, advancements in surgery and the accurate calculations of the Earth's circumference.

Statement 1 is correct: Ancient Indian texts like the Sushruta Samhita (6th century BC) describe specialized **surgical instruments** for procedures such as surgery, eye treatments, and plastic surgery, indicating well-developed surgical knowledge by the **1st century AD**.

Statement 2 is *incorrect*: There has been no documented proof of organ transplants in the 3rd century AD. The concept of **organ transplantation** is much more modern, developing in the **20th century**.

Statement 3 is correct: Aryabhata, in the 5th century AD, improvised the **concept of sine** (jya in Sanskrit) in his book and used it in astronomical calculations. Aryabhata's work in trigonometry laid the foundation for later developments in mathematics.

Statement 4 is correct: The concept of **cyclic quadrilaterals**, where a quadrilateral can be inscribed in a circle, was known to Brahmagupta in the **7th century AD**, who also provided a formula for their area.

PW ONLYIAS EXTRA EDGE

- ❖ Aryabhata (approximately 476 CE) was an Indian mathematician-astronomer who wrote Aryabhatiya and the lost Aryabhatasiddhanta. He helped develop the decimal system, approximated π , solved quadratic equations, and explained planetary motion. He proposed Earth's rotation and the Moon's reflected light.
- ❖ Brahmagupta (approximately 598–665 CE) was a pioneering Indian mathematician-astronomer. In Brahmasphuta-siddhanta (628), he introduced rules for zero, negative numbers, and quadratic equations. He formulated a cyclic quadrilateral area formula and contributed to trigonometry. His work influenced Islamic mathematics after its Arabic translation. He later wrote Khandakhadyaka (665), refining astronomical calculations.

8. With reference to the Guilds (Shrenis) of ancient India that played a very important role in the country's economy, which of the following statements is/are true? (2012)

1. Every Guild was registered with the central authority of the state and the King was the chief administrative authority on them.

2. The wages, rules of work, standards and prices were fixed by the Guild

3. The guild had judicial powers over its own members.

Select the correct answer using the codes given

Ans: (c) As mentioned in Arthashastra, Guilds, also known as Shrenis or Trade Guilds, played a significant role in ancient Indian society. These organizations brought together artisans, merchants, and traders to promote their collective interests, provide protection, and facilitate trade.

Statement 1 is *incorrect*: The king or local rulers protected guilds and ensured compliance with state regulations, but **guilds operated autonomously** and were **not always** formally registered with the central authority.

Statement 2 is correct: Guilds had significant control over the economic activities of their members. They were responsible for regulating various aspects of production, trade, and commerce, which included setting wages, standards of workmanship, prices for goods, and rules of operation.

Statement 3 is correct: Guild members were entitled to impeach and punish a chief found guilty of misconduct. The Arthashastra describes the role of guilds in resolving disputes through a Shreni court, where matters related to trade, contracts, and disagreements were handled by the guild's officials.

PW ONLYIAS SUPER HINT

For S1, Absolute words like "Every" – they're usually a red flag. Also, If guilds were known to be autonomous (As S2 mentions), would it make sense for the king to directly administer them? No!, Hence S1 likely false, eliminate options A and D as S1 and S2 contradicts each other.



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UPSC CSE 2025 GS Paper-II (Questions and Explanation)

Directions for the following 4 (four) items:

Read the following two passages and answer the items that follow the passages. Your answers to these items should be based on the passages only.

Passage - 1

In our country, regrettably, teaching and learning for the examination have been our forte but the new demands of society and the future of work require critical and independent thinking, learning through doing, asking questions from multiple disciplinary perspectives on the same issue, using evidence for building arguments, and reflecting and articulation. Higher education should not "either be a mere servant of the government policy or a passive respondent to public mood." Higher learning is all about how to think rather than what to think. Teaching has to be re-invented.

1. Which one of the following statements best reflects the central idea conveyed by the passage?

- (a) India does not have enough resources for promoting quality education in its universities.
- (b) The institutions of higher learning in the country should not be under the control of the Government.
- (c) Classroom approach to higher education should be done away with.
- (d) Classroom needs to be reimagined and teaching needs to be re-invented.

Ans: (d)

Option (a) is incorrect: The passage does not discuss resource availability or funding issues for higher education.

Option (b) is incorrect: The passage mentions that higher education should not be a mere servant of government policy or public mood, but it does not explicitly call for removal of government control.

Option (c) is incorrect: The passage does not advocate for eliminating classroom approaches but suggests reimagining the classroom and reinventing teaching methods.

Option (d) is correct: The passage emphasizes the need for **critical and independent thinking, learning by doing, and teaching to be reinvented**, suggesting a reimagined classroom and innovative teaching.

2. With reference to the above passage, the following assumptions have been made:

- I. Higher education is a constantly evolving subject that needs to align towards new developments in all spheres of society.
- II. In our country, sufficient funds are not allocated for promoting higher education.

Which of the above assumptions is/are valid?

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

Ans: (a)

Assumption I is correct: The passage implies that higher education must evolve and adapt to **new societal demands and future work requirements**, which aligns with this assumption.

Assumption II is incorrect: The passage does not mention funding or financial allocation issues. Therefore, assuming a lack of funds is unsupported.

Passage - 2

If there is inequality in the pattern of population growth, there is greater inequality in food production and utilization. As societies become wealthier, their consumption of animal products increases. This means that a greater proportion of such basic foodstuff as grains and legumes that could feed humans directly is instead being converted into feed for poultry and large farm animals. Yet this conversion of plant-based food into animal food for humans is far from efficient. Only 16% of the calories fed to chickens are recovered by us when we eat them. This conversion rate goes down to five to seven per cent in large animals that are fed grain to add fat and some protein before slaughter.

3. Which one of the following statements best reflects the crux of the passage?

- (a) There is an urgent need for a public policy to promote the consumption of cereal-based foods in wealthier societies.
- (b) Animal-based food is far less efficient than grain/plant-based food in terms of production and utilization.
- (c) Plant-based protein should replace the animal-based protein in our daily diets.
- (d) Inequality in food production and consumption is inevitable in any fast changing society.

Ans: (b)

Option (a) is incorrect: Although the passage points out inefficiencies, it does not explicitly call for public policy to promote cereal-based food consumption in wealthier societies.

Option (b) is correct: The passage **clearly shows that animal-based food production is less efficient than directly consuming grain/plant-based foods**, supporting this statement as the central idea.

Option (c) is incorrect: The passage discusses efficiency but does not explicitly advocate for replacing animal protein with plant protein in diets.

Option (d) is incorrect: While inequality is mentioned, the passage does not suggest it is inevitable or focus on this as the main idea.

10. If $N^2 = 12345678987654321$, then how many digits does the number N have?

(a) 8 (b) 9 (c) 10 (d) 11

Ans: (b)

We know that

$$11^2 = 121; \text{ number of digits} = 2$$

$$111^2 = 12321; \text{ number of digits} = 3$$

$$1111^2 = 1234321; \text{ number of digits} = 4$$

$$11111^2 = 123454321; \text{ number of digits} = 5$$

Similarly, following the same pattern

$$111111111^2 = 12345678987654321; \text{ number of digits} = 9$$

Alternate Solution:

If a number have 'n' digits then number of digits in its square can be either '2n' or $(2n - 1)$

Number of digits in the given expression = 18

So, here either $2n = 18$ or $2n - 1 = 18$

So, either $n = 9$ or $n = 9.5$ (not possible)

So, 'N' will have 9 digits

Directions for the following 4 (four) items:

Read the following two passages and answer the items that follow the passages. Your answers to these items should be based on the passages only.

Passage - 1

One of the dismal realities of the agricultural sector in independent India has been that it never experienced a high-growth phase, unlike the non-agricultural economy. The highest decadal growth (compound annual growth rate or CAGR) for agriculture has been just 3.5% in the 1980s. Also, after experiencing a spurt in decadal growth during the 1980s, agricultural growth suffered relative stagnation thereafter. This is in sharp contrast to non-agricultural growth, which consistently increased from the 1980s to 2000s.

11. Which one of the following statements best reflects the corollary to the above passage?

(a) The benefit of economic reforms percolates down more slowly to the agriculture sector than in other sectors of the economy.

(b) For India, the green revolution was not as useful as it was expected to be.

(c) India lagged behind other countries in adapting mechanized and modern farming.

(d) Rural-to-urban migration resulted in the stagnant agriculture sector.

Ans: (a)

Option (a) is correct: The passage implies that economic growth and reforms benefit agriculture more slowly compared to other sectors, resulting in relative stagnation after the initial growth spurt in the 1980s.

Option (b) is incorrect: The passage does not specifically comment on the success or failure of the Green Revolution.

Option (c) is incorrect: The passage does not discuss mechanization or modernization directly.

Option (d) is incorrect: The passage does not mention rural-to-urban migration as a cause for stagnation in agriculture.

12. With reference to the passage, the following assumptions have been made:

The growing divergence between the fortunes of the agricultural and non-agricultural economy in India could have been reduced/contained by:

I. adapting large-scale cultivation of commercial crops and viable corporate farming.

II. providing free insurance for all crops and heavily subsidizing seeds, fertilizers, electricity and farm machinery at par with developed countries.

Which of the above assumptions is/are valid?

(a) I only (b) II only
(c) Both I and II (d) Neither I nor II

Ans: (d)

Assumption I is incorrect: The passage does not discuss or imply that **large-scale commercial cultivation or corporate farming** would have reduced the divergence between agricultural and non-agricultural growth.

Assumption II is incorrect: The passage does not mention **free insurance, subsidies on seeds, fertilizers, or machinery** as methods to contain the divergence, nor does it compare India's policies with developed countries.

Passage - 2

In our country, handlooms are equated with a culture that ensures a continuity of tradition. This idea has become part of the public policy-framing and provides a legitimate basis for the State to support the sector. But the notion of tradition as a single, linear entity is being strongly contested today. The narratives dominant in defining culture/tradition in a particular way are seen to have emerged as the identities and histories of large sections. The discounted and, at times, forcibly stifled identities are fighting for their rightful place in history. Against this backdrop, when we promote handloom as a traditional industry, it is not surprising that large sections of our population choose to ignore it.

13. Which one of the following statements best reflects the most logical and rational message conveyed by the author of the passage?

(a) We need to free the handloom industry from the limited narrative linked to preserving cultural heritage.

(b) Continued State support to the handloom industry ensures the preservation of some of our glorious art forms and old traditions.

(c) Household units of the handloom sector should be modernized and made an economically viable organized industry.

(d) Handloom products need to be converted to machine-made designer products so as to make them more popular.

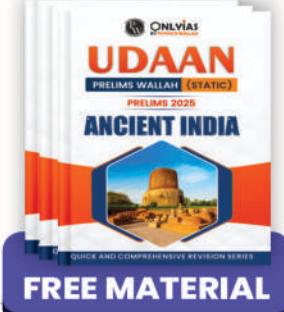
Ans: (a)

Option (a) is correct: The passage suggests rethinking handlooms beyond just tradition and opening them up to new ideas.

Option (b) is incorrect: The author questions the narrow view of handlooms as merely a cultural tradition, not suggesting that state support will preserve old traditions.

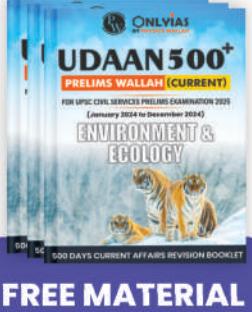
Option (c) is incorrect: The passage does not focus on modernizing handloom units or turning them into an organized industry, but rather on changing how we view and support handlooms.

OUR CONTENT



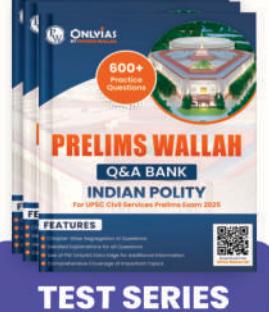
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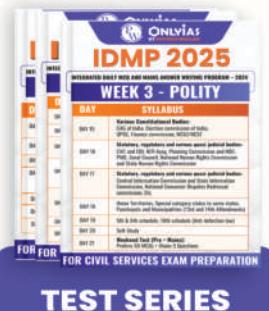
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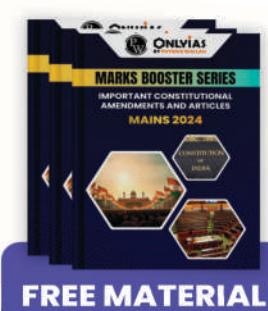
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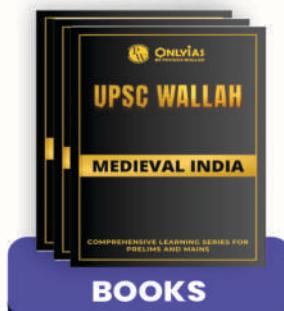
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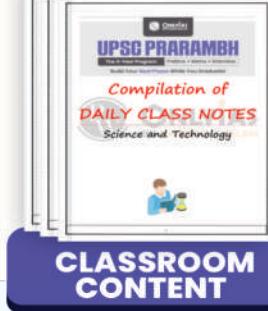
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