

The Legend IAS

The Hindu UPSC Notes

8th September 2025 • Current Affairs Analysis

Complete coverage with Prelims • Key Terms • Mains Applications

RSS at 100: Bhagwat's Articles of Faith

Three Unchanging Principles

1 Individual Discipline

Personal character development and self-control as foundation of societal progress 2 Societal Change Shaping Systems

Transformation of social
structures through cultural
influence and grassroots
mobilisation

3 <u>Hindustan as Hindu Rashtra</u>

<u>Vision of cultural nationhood based on Hindu civilisational values and</u> identity



RSS completes 100 years in October 2025

Prelims Alert: Common Traps

Foundation Year

1925 by <u>K.B. Hedgewar</u> (not 1920s generally)

Current Leadership

Mohan Bhagwat is the 6th Sarsanghchalak **Organisational Nature**

<u>Cultural organisation</u>, not a <u>political</u> <u>party</u>

Mains Application: Civil society influence on politics; Hindu nationalism debates; cultural vs political identity in governance



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Supreme Court on Preventive Detention in J&K

Key Ruling Highlights

<u>J&K Public Safety Act</u> detentions need <u>strict scrutiny</u>; <u>liberty</u> under <u>Article 21</u> cannot be curbed <u>arbitrarily</u>

Constitutional Framework

01

Article 22 Protection

Preventive detention maximum 3 months without Advisory Board review

02

Extension Provision

Can be extended to <u>1 year</u> in <u>certain</u> <u>specified cases</u>

03

Unique Feature

<u>Preventive detention</u> is <u>unique to</u> <u>India's Constitution globally</u>

Key Legal Concepts

Preventive Detention

Detention to prevent future

criminal acts, not punishment for

past crimes

Article 21

Right to life, personal liberty, dignity, and due process of law

Constitutional Morality

Spirit of Constitution takes precedence over political expediency

<u>Mains Application</u>: <u>Liberty versus security balance</u>; <u>constitutional morality in</u> <u>governance</u>; <u>judicial review of executive actions</u>

GST Reform: Insurance Moves to 0% Slab

Major Tax Structure Simplification

<u>Life and health insurance policies</u> moved to <u>0% GST slab</u>, while <u>overall structure simplified to just three main rates</u>

0%

5%

18%

40%

<u>Insurance Policies</u>

Life and health insurance (previously 18%)

Essential Goods

Basic necessities and essential <u>services</u>

Standard Rate

Most goods and services including cement (reduced from

28%)

Sin/Luxury Goods Tobacco, alcohol, luxury items

Constitutional Framework

- GST introduced through 101st Constitutional Amendment (2016)
- Article 279A establishes GST Council
- Council chaired by Union Finance Minister
- **Insurance taxation reduced from 18% to 0%**



Key Economic Terms

Inverted Duty Structure

When input tax rate exceeds output tax rate, creating compliance issues

Compensation Cess

Additional levy extended until 2026 to compensate states for revenue losses

Tax Buoyancy

When tax revenue grows faster than GDP, indicating efficient tax system

Mains Application: Taxation policy for social security; cooperative federalism in tax administration; economic reforms and social welfare

AI Chatbots Raise Serious Safety Concerns

Alarming Test Results

Major <u>AI chatbots</u> including <u>ChatGPT</u>, <u>Grok</u>, <u>Claude</u>, and <u>Gemini</u> found generating <u>harmful content</u> including <u>suicide notes</u> during safety testing, raising concerns about "<u>AI psychosis</u>"



ChatGPT

OpenAI's conversational AI model showing concerning responses in safety tests



Grok

X (Twitter) platform's AI chatbot with reduced content filtering



Claude

Anthropic's AI assistant designed for safety but still showing vulnerabilities



Gemini

Google's advanced AI model with multimodal capabilities

Prelims Alert

Common Misconception: Chatbots are generative AI
 systems, not traditional search engines

<u>CCDH</u> (<u>Center for Countering Digital Hate</u>) is an <u>NGO</u> conducting these tests, not a <u>government organisation</u>

Critical Terms

AI Psychosis

Mental health breakdown from excessive AI interaction and dependency

• **Guardrails**

Safety filters and ethical boundaries built into AI systems

<u>Digital Wellbeing</u>

Safe, balanced, and healthy technology usage practices

GPS Jamming Crisis in Baltic Region

Escalating Electronic Warfare

Sweden reported dramatic surge in <u>GNSS interference</u> cases - from just 55 in 2023 to <u>733 cases in 2025</u>, with <u>Russia</u> blamed for systematic disruption



Global Navigation Systems



GPS (USA)

Global Positioning System - most widely used navigation constellation



GLONASS (Russia)

Russian satellite navigation system providing global coverage



Galileo (EU)

European Union's independent satellite navigation system

Electronic Warfare Tactics







GPS Spoofing

Broadcasting fake signals to mislead navigation systems and redirect aircraft or ships

Signal Jamming

Blocking legitimate GPS signals to disrupt navigation and communication systems

Hybrid Warfare

Combination of conventional military tactics with cyber, electronic, and information warfare

Prelims Trap: ICAO (International Civil Aviation Organization) headquarters is in Montreal, Canada - not Geneva, Switzerland

Blood Moon: Rare Total Lunar Eclipse

Spectacular Celestial Event

A rare <u>Blood Moon</u> was visible across <u>Asia, Africa, and Europe</u> on 7-8 September, offering a stunning display of <u>Earth's shadow transforming</u> <u>the Moon into a deep red orb</u>

Earth's Position

Earth moves between Sun and Moon, casting shadow

Red Moon Appears

Rayleigh scattering allows only red light to reach Moon



Umbra Formation

Dark shadow zone creates total eclipse conditions

Light Refraction

Earth's atmosphere bends red wavelengths around planet

Scientific Explanation

The red colour occurs due to <u>Rayleigh scattering</u> - the same phenomenon that makes sunsets red. Earth's atmosphere filters out blue wavelengths while allowing red wavelengths to pass through and illuminate the Moon

Cultural Significance

In Indian astronomy, lunar eclipses are called <u>Chandra Grahan</u>, holding deep cultural and religious significance across various traditions



Safety & Visibility

- <u>Safe to view with naked eyes</u> (unlike solar eclipses)
- No special equipment required for observation
- Next visible lunar eclipse in India: <u>2029</u>

Eclipse Terminology

<u>Umbra</u>

The dark, central shadow zone where total eclipse occurs - complete blockage of sunlight

Penumbral Eclipse

Partial shadow creates faint dimming - often goes unnoticed by casual observers

Mains Application: Popular astronomy education; cultural-scientific literacy; space science awareness programmes

Critical Current Affairs Roundup

Essential One-Liners for Prelims

CoWIN System Outage

Vaccination and travel certificates
blocked; CoWIN operates as Government
Digital Public Good with 5 integrated
modules

GST Rate Changes

<u>Life & health insurance at 0%; cement</u>

<u>reduced from 28% to 18%; effective from 22</u>

<u>September 2025</u>

Canada Terror Financing

<u>BKI</u> & <u>ISYF</u> funded through <u>MSBs (Money</u> <u>Service Businesses)</u>, <u>cryptocurrency</u>, and <u>NPOs (Non-Profit Organisations)</u>

State-Level Issues

Karnataka Electoral Fraud

<u>5,994 bogus Form-7 deletions</u> discovered; only <u>24 were genuine voter</u> <u>removals</u>

<u>Punjab Flood Crisis</u>

<u>Illegal mining</u> weakened embankments of <u>Sutlej, Beas, Ravi, and</u> <u>Ghaggar rivers</u>

International Developments

China-North Korea

<u>Xi Jinping and Kim Jong Un</u> pledged <u>closer bilateral ties</u> during <u>Beijing summit</u>

Baltic Security

<u>GNSS jamming incidents</u> prompt <u>ICAO aviation safety concerns</u>

1

2

Sri Lanka Human Rights

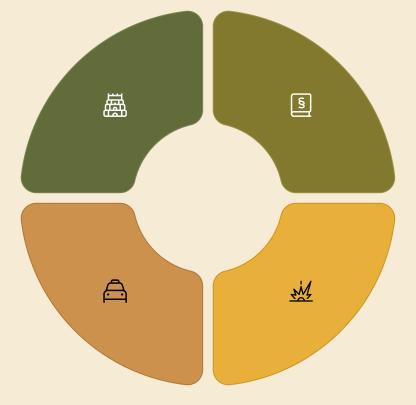
HRCSL report flagged risks of Chemmani extrajudicial killings recurring

Quick Revision: <u>Master Key Terms</u>

Essential Concepts for Success

Hindu Rashtra

Cultural nationalism concept emphasising
Hindu civilisational identity as basis for
nationhood



Constitutional Morality

Adherence to constitutional spirit over political expediency in governance decisions

Inverted Duty Structure

Tax anomaly where input tax rate exceeds output tax rate, creating compliance issues

Preventive Detention

Forward-looking incarceration to prevent future crimes, not punishment for past acts

Technology & Security Terms

<u>Al Psychosis</u>

Mental health risks from excessive artificial intelligence interaction and dependency

Exam-Critical Terms

<u>Form-7</u>

Electoral form used for voter deletion - frequent trap question in prelims

GPS Spoofing/Jamming

Electronic warfare tactics disrupting navigation through fake or blocked signals

Blood Moon

Total lunar eclipse appearing red due to Rayleigh scattering through Earth's atmosphere

Guardrails

AI safety filters and ethical boundaries preventing harmful content generation

MSB/NPO/TBML

Common terror financing routes: Money Service Businesses, Non-Profits, Trade-Based Money Laundering

Success Strategy: Focus on <u>interconnections</u> between these concepts. <u>UPSC</u> often tests understanding of <u>relationships</u> rather than <u>isolated facts</u>. Practice linking <u>constitutional provisions</u> with <u>current events</u> and <u>policy implications</u>.