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The Analyst

CURRENT AFFAIRS Handout

13th February 2026



CONTEXT: New CPI Series (Base Year: 2024)

Source: Ministry of Statistics and Programme Implementation



Basic CONCEPTS of Inflation



Concept Check



Prices change over time



Cost of living indicator



Specific basket of goods



How to measure this?

Base Year



Less Income
→
More Spent on Food



Engel's Law

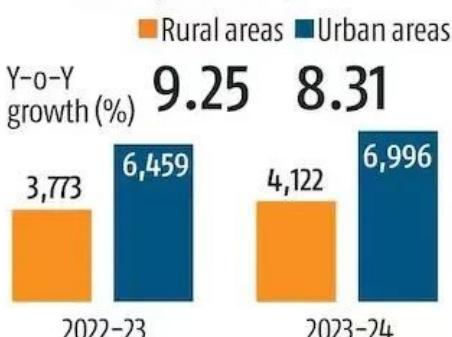


More Income
→
Less Spent on Food
More Spent on Other Goods & Services



CONSUMPTION PATTERN

Monthly per capita expenditure without imputation (in ₹)

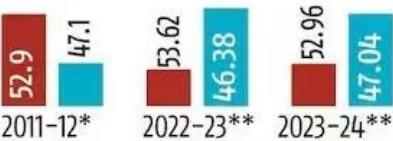


Source: HCES/NSO

Expenditure share (in %)

■ Food items ■ Non-food items

RURAL AREAS



URBAN AREAS

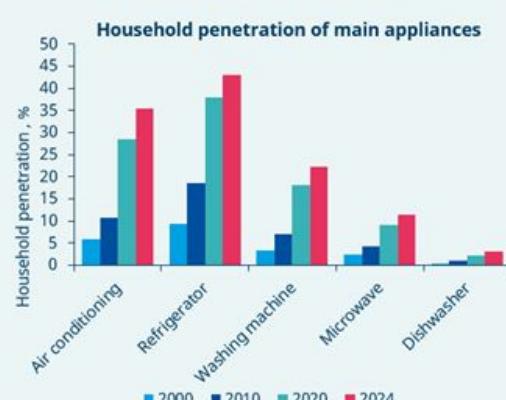
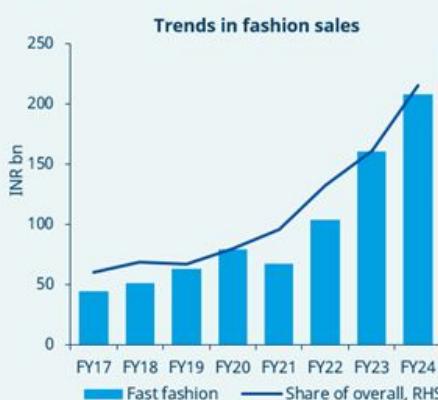


*NSS (68th round) **HCES

Source: NSO

Changing consumption patterns

As incomes rise, the pattern of consumption moves away from basics towards more discretionary products.



The New CPI Series



CONTEXT: New CPI Series (Base Year: 2024)

Source: Ministry of Statistics and Programme Implementation

UPSC PYQ (P) 2022

In India, which one of the following is responsible for maintaining price stability by controlling inflation?

- a) Department of Consumer Affairs
- b) Expenditure Management Commission
- c) Financial Stability and Development Council
- d) Reserve Bank of India

Monetary Policy Committee

RBI Inflation Target

INFLATION Band

UPSC PYQ (P) 2022

With reference to the Indian economy, consider the following statements:

1. If the inflation is too high, Reserve Bank of India (RBI) is likely to buy government securities.
2. If the rupee is rapidly depreciating, RBI is likely to sell dollars in the market.
3. If interest rates in the USA or European Union were to fall, that is likely to induce RBI to buy dollars.

Which of the statements given above are correct?

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



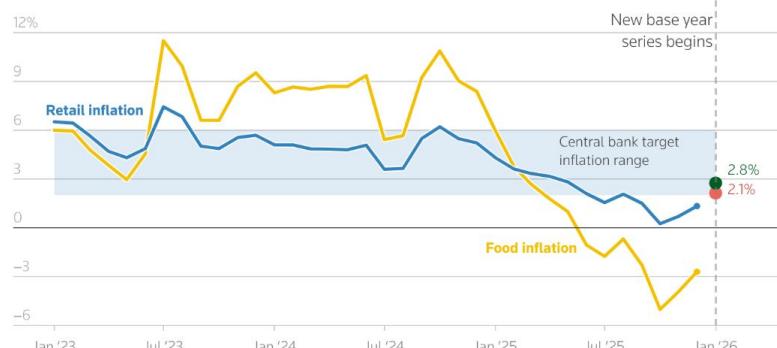
What Has Changed Now?

ASPECT	Old	New
Base Year	2012	2024
Items Covered	299	358
Online markets	✗	12
Groups	6	12
Goods	259	308
Services	40	50

India January inflation rises under new data series

India's inflation numbers from January 2026 onwards are calculated with base year 2024 while previous ones were calculated with base year 2011

— Retail inflation (new series) — Food inflation (new series)



Note: Central bank inflation range is only for headline inflation

Sources: LSEG, MoSPI

A line chart with India's retail and food inflation under new base year 2024

心脏病 1st inflation rate under new series: **January 2026 = 2.75%**

心脏病 Food inflation Jan 2026 = 2.13%



The New CPI Series



CONTEXT: New CPI Series (Base Year: 2024)

Source: Ministry of Statistics and Programme Implementation

Removed

VCRs

Cassette players

Coir rope

Added

1. OTT
2. Telecom plans
3. Airfares
4. Digital storage
5. Streaming
6. Childcare
7. Value-added dairy
8. Rural house rent

Online & Digital Prices:

Discounts + dynamic pricing: Real inflation, Demand

NEW VS OLD CPI BASKET

CPI sub-category	New Series (%)	Old series (%)	Difference* (pp)
Food & Beverages	36.8	45.9	(9.1)
Intoxicants	3.0	2.4	0.6
Clothing & footwear	6.4	6.5	(0.1)
Housing, water, electricity, gas & other fuels	17.7	16.9	0.8
Furnishings, household equipment & routine household maintenance	4.5	3.8	0.7
Health	6.1	5.9	0.2
Transport	8.8	6.4	2.4
Information & Communication	3.6	2.2	1.4
Recreation, sport & culture	1.5	1.7	(0.2)
Education services	3.3	4.5	(1.1)
Restaurant & accommodation	3.3	0.01	3.3
Personal care, social protection & misc. goods & services	5.0	3.9	1.1
Core CPI (ex-F&B, fuel)	57.9	47.3	10.6

Source: MoSPI

Inflation evolution

Since 1960s

Four indices compiled-
CPI-IW, CPI-AL,
CPI-RL, CPI-UNME

2001

Panel led by C Rangarajan
moots reforms

Jan 2011

CPI for rural, urban and
combined released
with base year 2010

Jan 2015

Revised CPI with base
2012 released

Feb 2026

Revised CPI with base
2024 releases today

The New Basket

Category	Old Weight (2012)	New Weight (2024)	Why?
Food & Bev	45.86%	36.75%	
Clothing	6.53%	2.38%	

Rise of Services Weights	New Weight	Why?
Housing	17.67%	
Transport	8.8%	
Health	6.1%	
Communication	3.61%	
Paan/Tobacco	2.99%	



The New CPI Series



CONTEXT: New CPI Series (Base Year: 2024)

Source: Ministry of Statistics and Programme Implementation

UPSC PYQ (P) 2021

With reference to Indian economy, demand-pull inflation can be caused/increased by which of the following?

1. Expansionary policies
2. Fiscal stimulus
3. Inflation-indexing wages
4. Higher purchasing power
5. Rising interest rates

Select the correct answer using the code given below.

- a) 1, 2 and 4 only
- b) 3, 4 and 5 only
- c) 1, 2, 3 and 5 only
- d) 1, 2, 3, 4 and 5

UPSC PYQ (P) 2021

Consider the following statements:

1. The weightage of food in Consumer Price Index (CPI) is higher than that in Wholesale Price Index (WPI).
2. The WPI does not capture changes in the prices of services, which CPI does.
3. Reserve Bank of India has now adopted WPI as its key measure of inflation and to decide on changing the key policy rates.

Which of the statements given above is/are correct?

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



Critical Analysis: Why This Revision Matters?

Engel's Law

Low income → Lower-middle → Middle-income

Food Share ↓ + Services Share ↑

Consumption Smoothing

Subsistence vs Asset + human capital

Digital Dividend

1. Blinkit/Amazon
2. Measurement bias

Monetary Policy

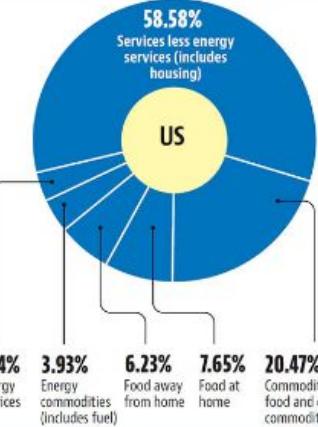
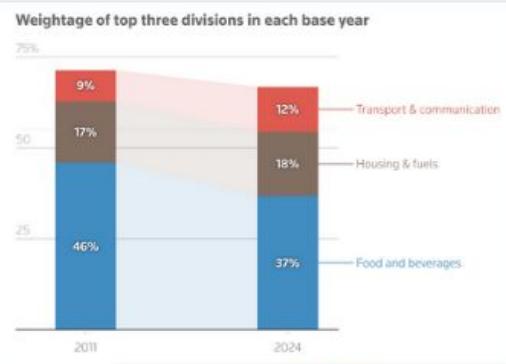
1. Reduced CORE Volatility
2. Effective Targeting (repo impact on Housing/Transport)

Standard of living

Eg: = Rent + + +

Link to National Accounts Reforms

- GDP base year revisions
- IIP base year revisions
- WPI revisions



The New CPI Series



CONTEXT: New CPI Series (Base Year: 2024)

Source: Ministry of Statistics and Programme Implementation

Mains Practise Question

The shift in CPI weights in the 2024 Series validates Engel's Law in the context of the Indian Economy." Discuss. How does this revision aid the RBI in effective inflation targeting?

(15 Marks, 250 words)

What they expect

Institution	Estimated impact of new CPI series on inflation rate
Bank of Baroda	Upward bias of 25-40 bps
SBI Research	Upward bias of 20-30 bps
Nomura	Near-term upside of 50 bps
Canara Bank	Expected to move closer to 4%
IDFC First Bank	Likely to increase by 40-50 bps in FY26, and 10 bps in FY27
India Ratings	Expected to rise

Note: One basis point (bp) equals 0.01 percentage point



AI sparks IT Sector selloff

CONTEXT: A brutal selloff has hit US and European stock markets, specifically targeting Legal, Data, and Software companies.

Why the Panic?



CNBC-TV18
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A sudden sell-off rattled markets after Anthropic rolled out new enterprise tools for its AI model 'Claude', raising fears that AI could replace software & IT services.

Around ₹1.9 lakh crore was wiped out from Indian markets in a day, with the Nifty IT logging its sharpest fall since March 2020. Investors are now reassessing the future of labour-heavy tech businesses. This shift is being called the "Anthropic Effect." #Watch

Investors feared AI tools may:

- Reduce demand for **paid legal databases**
- Reduce need for **data analytics subscriptions**
- Reduce **per-seat software licensing**
- Reduce **professional service billing**



Anthropic Unveils Claude Opus 4.6: A Game Changer Beyond Coding!

Anthropic has launched Claude Opus 4.6, claiming it to be their 'smartest model' yet. This upgrade enhances capabilities for complex tasks like Excel and PowerPoint, and promises improved developer experiences with faster project completions. A new feature, 'agent teams,' allows collaborative project work among agents. The model also boasts extensive safety tests and upgraded cybersecurity features.

AiShort by Hamid Siddiqui / 05-February-2026



Nature of the collapse

LEGAL & DATA FIRMS	Drop
Thomson Reuters	~18%
RELX	~14%
Wolters Kluwer	~13%
LegalZoom	~19%

ANALYTICS FIRMS	Drop
FactSet	~9%
Morningstar	~8%
Experian	6–12%

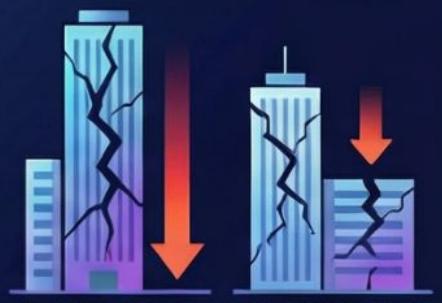
SOFTWARE FIRMS	Drop
Sage	↓
Pearson	↓
LSEG	↓

ADVERTISING FIRMS	Drop
Omnicom	~10%
Publicis	~9%
Pinterest	~8%
Snap	~8%

GLOBAL MARKET FALLOUT

Mid-Sized Firms Hit Hardest

Specialized professional service software saw deeper percentage drops than big-tech giants.



Specialized professional service software saw deeper percentage drops than big-tech giants.



AI sparks IT Sector sell-off

CONTEXT: A brutal sell-off has hit US and European stock markets, specifically targeting Legal, Data, and Software companies.

♟ What the future may look like

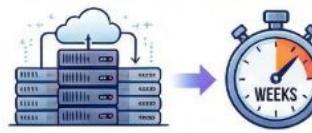
- End of "Seat-Based" Economy
- Commoditization of Expertise
- From "Tool" to "Agent"
- White-collar services cheap
- Capital vs. Labor Shift

Transition to Full-Scale Automation



Claude agents now perform end-to-end workflows in legal, sales, and coding without human oversight.

Rapid Enterprise SAP Migrations

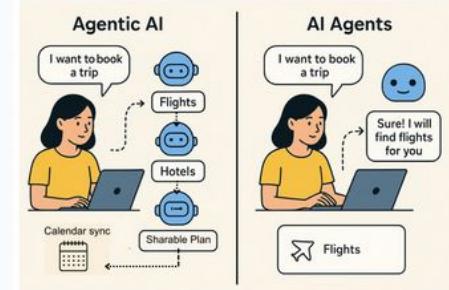


Systems that once took years to migrate are now completed in weeks via AI.

The Death of the Traditional SaaS Model



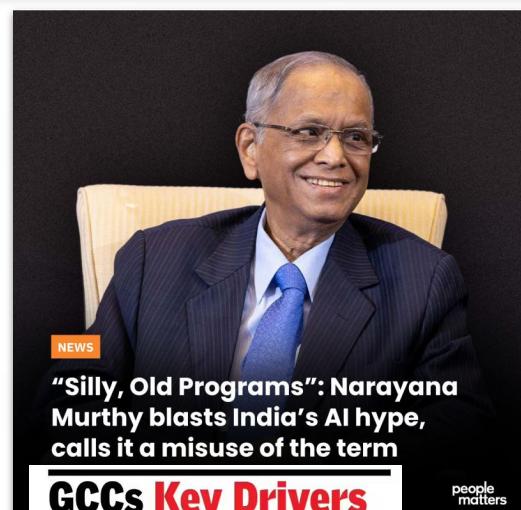
Investors fear single AI agents will replace the need for multiple specialized software subscriptions.



🇮🇳 Impact on India

The "Back Office" Crisis

- India's USP was _____
- Legal Process Outsourcing/ Knowledge Process Outsourcing @Gurgaon/Pune
- Indian IT giants
- Global Capability Center Shift
- Startup Renaissance
- Demographic disaster



GCCs Key Drivers

India's services exports (\$bn)

2020-21	206.1
2021-22	254.5
2022-23	325.3
2023-24	341.1
2024-25	387.5

Source: Commerce dept

people matters



AI sparks IT Sector selloff

CONTEXT: A brutal selloff has hit US and European stock markets, specifically targeting Legal, Data, and Software companies.



Major GoI Initiatives

Skill India Mission

- > Targets training millions.
- > Includes sub-schemes like PMKVY covering Industry 4.0, AI, robotics.

Pradhan Mantri Kaushal Vikas Yojana (PMKVY)

- > Recognises and trains youth in industry-relevant skills.
- > Under PMKVY 4.0 there is orientation to digital/AI skills.

FutureSkills PRIME (by Ministry of Electronics & Information Technology/NIELIT)

- > Industry-aligned up-skilling of IT manpower in ~10 emerging technologies.

Skill India Digital Platform

- > One-stop digital gateway for skilling & jobs; aligned to "Industry 4.0" skills.

Atal Innovation Mission (AIM) (by NITI Aayog)

- > Fosters innovation mindset, incubation, R&D in startups & universities.

ITI Upgradation Scheme / technical/vocational infrastructure upgrade

- > Large-scale funding for modernising ITIs, aligning with industry needs.



Way Forward: Policy & Strategy

Rebranding "Skill India"

Sovereign AI Infrastructure

Shift from "Services" to "Products"



New Labor Codes for Gig Economy

Human-in-the-Loop Regulation

Comprehensive national-level IndiaAI Mission approved

Budget outlay: Rs.10,371.92 crore



Mission aims to establish a comprehensive ecosystem catalyzing AI innovation through strategic programs and partnerships across the public and private sectors

Mission will be implemented by 'IndiaAI' Independent Business Division (IBD) under Digital India Corporation (DIC)

Cabinet Decision
Source: GoI



AI sparks IT Sector selloff



CONTEXT: A brutal selloff has hit US and European stock markets, specifically targeting Legal, Data, and Software companies.

Mains Practise Question

The recent volatility in global professional services stocks indicates that Artificial Intelligence is moving from 'augmentation' to 'replacement'. In light of this, discuss the vulnerability of India's IT-BPO sector and suggest a roadmap to move up the value chain. (15 Marks, 250 words)

STOCK	PRICE	CHANGE
Tech Mahindra	1,536.60	-97.80
Infosys	1,386.00	-85.90
Tata Consultancy Services	2,750.10	-159.70
HCL Technologies	1,476.10	-75.50
Wipro	219.08	-10.73
Mahindra & Mahindra Ltd	3,593.10	-81.80
Hindustan Unilever	2,409.70	-53.20
Cipla	1,330.00	-19.90
Reliance Industries	1,448.90	-19.80
Adani Enterprises	2,211.80	-25.40
Jio Financial Services	267.55	-2.75



What is a substantive motion?



SYLLABUS: GS2 : Parliament & Constitutional Procedures

Newspaper: The Indian Express **Page Number:** 5

WHAT IS A SUBSTANTIVE MOTION?

A self-contained, independent proposal capable of expressing the decision of the House.

Independent

Not dependent on another motion

Self-contained

Complete in itself

Decision-capable

Can lead to **binding House decision**

Votable

Put to **vote**

Conduct of **President, Judges, CEC, CAG**, etc., can only be discussed via a Substantive Motion.

When Are Substantive Motions Used?

Election

Speaker / Deputy Speaker

Confidence

No-confidence motion

Constitutional

Removal of Speaker

Judicial

Judge impeachment motion

Member conduct

Expulsion / suspension motion

House action

Motion declaring seat vacant



The Procedure: How to Expel an MP?

Step 1: The Notice



- Any MP gives notice to the Secy-General.
- No "Seconder" is needed

Step 2: Speaker's Call



- Decides if the motion is in order
- If admitted, the Mover seeks "Leave of House"

Step 3: The Debate



- The Mover speaks first.
- Right of Reply:** Unlike normal questions, the Mover gets to speak *again* at the end of the debate to answer counter-arguments.

CAN AN MP BE EXPELLED THROUGH THIS?

Yes — Parliament Has Power

- Simple Majority**

Note: The Constitution doesn't explicitly say "Parliament can expel".

Raja Ram Pal Case, 2007:

Parliament has the **Inherent Power** to punish its members for misconduct to protect its dignity.



SYLLABUS : GS3 : Major crops, Marketing of agricultural produce, Issues of buffer stocks & food security

Newspaper: The Hindu **Page Number:** 10

Status of Pulses production in India

Table 2.2: Global Scenario by Top Ten Pulse Producing Countries (2018-2022)

Top Ten Producing Country	Area (Mha)	Production (MT)	Yield (t/ha)	Contribution (%)		Ranking (Yield)
				Area	Production	
India	33.46	24.76	0.74	35.87	27.4	10
Canada	3.43	6.45	1.88	3.68	7.13	2
China	2.67	4.86	1.821	2.86	5.38	4
Nigeria	4.93	4.07	0.827	5.28	4.51	9
Russia	2.19	3.73	1.707	2.34	4.13	5
Myanmar	3.85	3.66	0.95	4.13	4.05	8
Australia	2.25	2.98	1.324	2.41	3.29	6
Ethiopia	1.6	3.03	1.894	1.72	3.36	1
Brazil	2.71	2.94	1.085	2.9	3.25	7
USA	1.31	2.45	1.874	1.4	2.71	3
World	93.29	90.38	0.969	NA	NA	NA

Source: Authors computation from FAOSTAT database (2024).

Kharif crops: pigeon pea, green gram, black gram, horse gram

Pulse Report

Rabi crops: chickpea, lentil, field bean, green gram, black gram

Chickpea (47.4%),
Pigeonpea (15.4%),
Green gram (12%),
Black gram (10.3%),
Lentil (5.4%)

UPSC PYQ (P) 2020

With reference to pulse production in India, consider the following statements:

1. Black gram can be cultivated as both kharif and rabi crop.
2. Green gram alone accounts for nearly half of pulse production.
3. In the last three decades, while the production of kharif pulses has increased, the production of rabi pulses has decreased.

Which of the statements given above is/are correct?

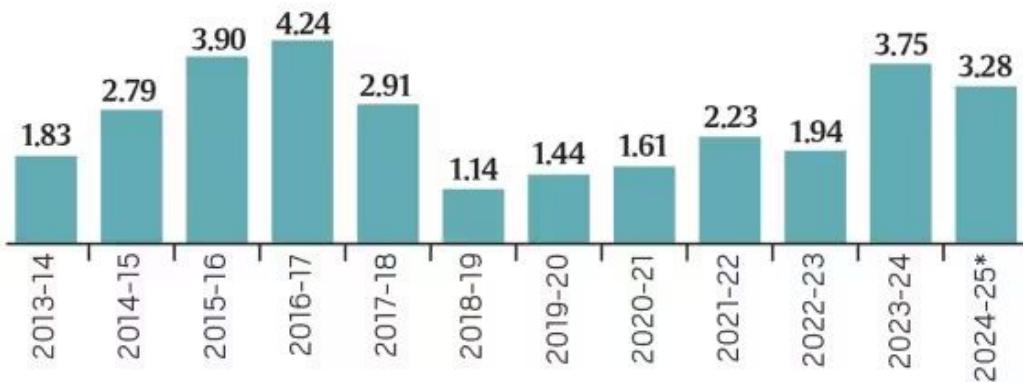
- (a) 1 only
(b) 2 and 3 only
(c) 2 only
(d) 1, 2 and 3



SYLLABUS : GS3 : Major crops, Marketing of agricultural produce, Issues of buffer stocks & food security

Newspaper: The Hindu **Page Number:** 10

IMPORTS OF PULSES (IN \$ BILLION)



*April-November.

Source: Department of Commerce.



INDIA'S PULSES DEMAND-SUPPLY MATH

12 34 Current Balance

Annual production	~2.5 crore tonnes
Estimated demand	~3.0 crore tonnes
Gap	~0.5 crore tonnes
Gap filled by	Imports
Canada, Myanmar, Mozambique, now... USA	

Period Govt Procurement Share

2019-24 2.9% – 12.4% of production

— Means most farmers sell outside MSP system.

Why Production Lags Demand

Rain-fed cultivation risk ☔

Lower yields vs global competitors 📈

Poor seed technology adoption 🌱

Low input investment by farmers 💰

Weak MSP assurance 📈



SYLLABUS : GS3 : Major crops, Marketing of agricultural produce, Issues of buffer stocks & food security

Newspaper: The Hindu **Page Number:** 10



TRADE DEAL CONTROVERSY

Explained: US tones down both factsheet and joint statement on trade deal — how this affects India

India US joint statement update: The US has softened its claims about the gains it had secured from India as part of the trade deal. The updated factsheet tempers the wording in one section from 'committed' to 'intends', removes the mention of 'certain pulses' from another section, and drops one point altogether.

Written by: Ravi Dutta Mishra | 7 min read | New Delhi | Updated: Feb 13, 2026 05:42 AM IST

As per the latest data, India's pulses imports in the first nine months of 2025-26 stood at \$2.53 billion, down 33% from the same period last year. In all of 2024-25, India's pulses imports from the entire world rose 46% to \$5.48 billion. The US, however, was a minor source of India's pulses imports at just \$90 million.

India imports about a fifth of its yearly consumption of pulses to meet domestic demand, with key countries from where these importers are secured being Canada, Russia, Brazil, Myanmar, and African nations like Mozambique and Malawi.

The dropping of 'pulses' from the revised fact sheet comes at a time when the Indian government is attempting to push for self-reliance in the segment. Just last week, [Shivraj Singh Chouhan](#), the Union Minister of Agriculture & Farmers' Welfare, said that importing pulses was a "matter of shame for us" and that India will become an exporter of the same. While noting that the area under pulses is declining, Chouhan had said this needs to increase and that emphasis is being put on raising both productivity and profitability of pulse crops.

Farmers' issues

- **Forced imports?**
- **Anti-farmer**
- **Fear of price crash**
- **MSP trust deficit**
- **Politically explosive**



STRUCTURAL REFORMS NEEDED

Self-Sufficiency Mission

MSP Guarantee Credibility

Procurement Infra Expansion

Productivity Boost

Climate-resilient varieties

India's Mission for Self-Sufficiency in Pulses

This national mission (2025-26 to 2030-31) aims to achieve complete self-sufficiency in pulse production, reduce import dependence, and enhance farmers' income.

Mission Overview & Core Targets



A National Mission for Self-Reliance

To achieve complete self-sufficiency in pulses production and reduce imports by December 2027.

Implementation & Budget

The mission runs from 2025-26 to 2030-31 with a total outlay of ₹11,440 crore.

Key Strategies for Implementation



Procurement Assurance

Guarantees 100% MSP procurement for Tur (Arhar), Urad, and Masoor for four years.



Technology & Seed Support

Launch of SATHI portal for seed traceability and distribution of 88 lakh free seed kits.

350 Lakh Tonnes

Pulses Production Goal by 2030-31



310 Lakh Hectares

Cultivation Area Expansion

Nearly

2 Crore

Farmers Benefited



Value Chain & Processing

Establishment of 1,000 processing and packaging units with a ₹25 lakh subsidy each.

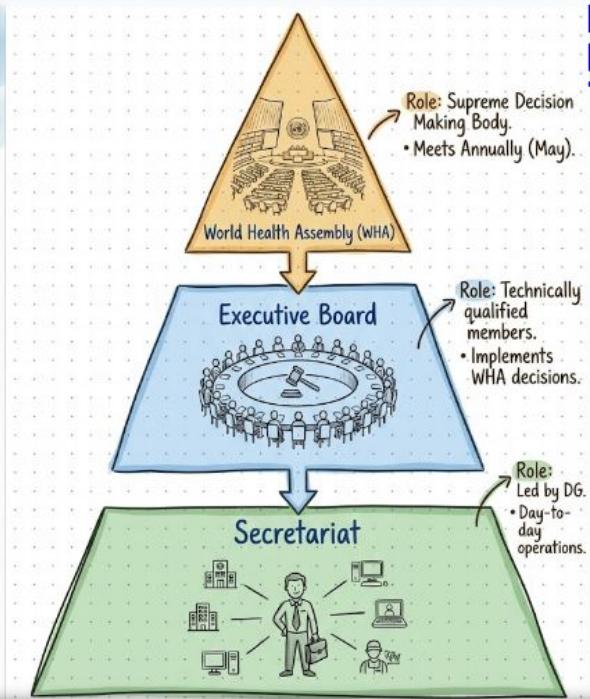
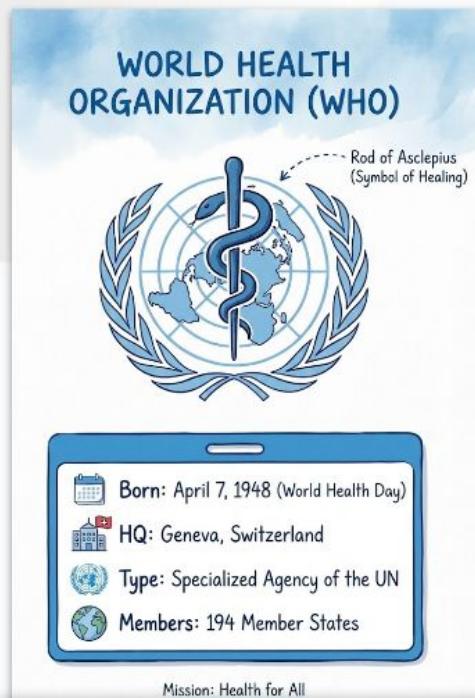


SYLLABUS : GS2 : Important International Institutions, agencies and fora - their structure, mandate

Newspaper: The Indian Express **Page Number:** 10



Why World Health Organization matters



Core Functions

- Disease surveillance
- Pandemic response
- Vaccination support
- Technical guidance
- Health standards & protocols
- Support to weak health systems
- Emergency coordination



HOW WHO IS FUNDED

WHO has two main funding sources

Stability

Assessed contributions	Mandatory dues by member states (calculated based on GDP/Population)	<input checked="" type="checkbox"/> Stable
Voluntary contributions	Extra donations (countries, foundations) "Earmarked" (Tied)	<input type="checkbox"/> Unstable

--- BBC

US officially leaves World Health Organization

The US Department of Health and Human Services said it took the decision due to the WHO's alleged "mishandling" of the pandemic,...

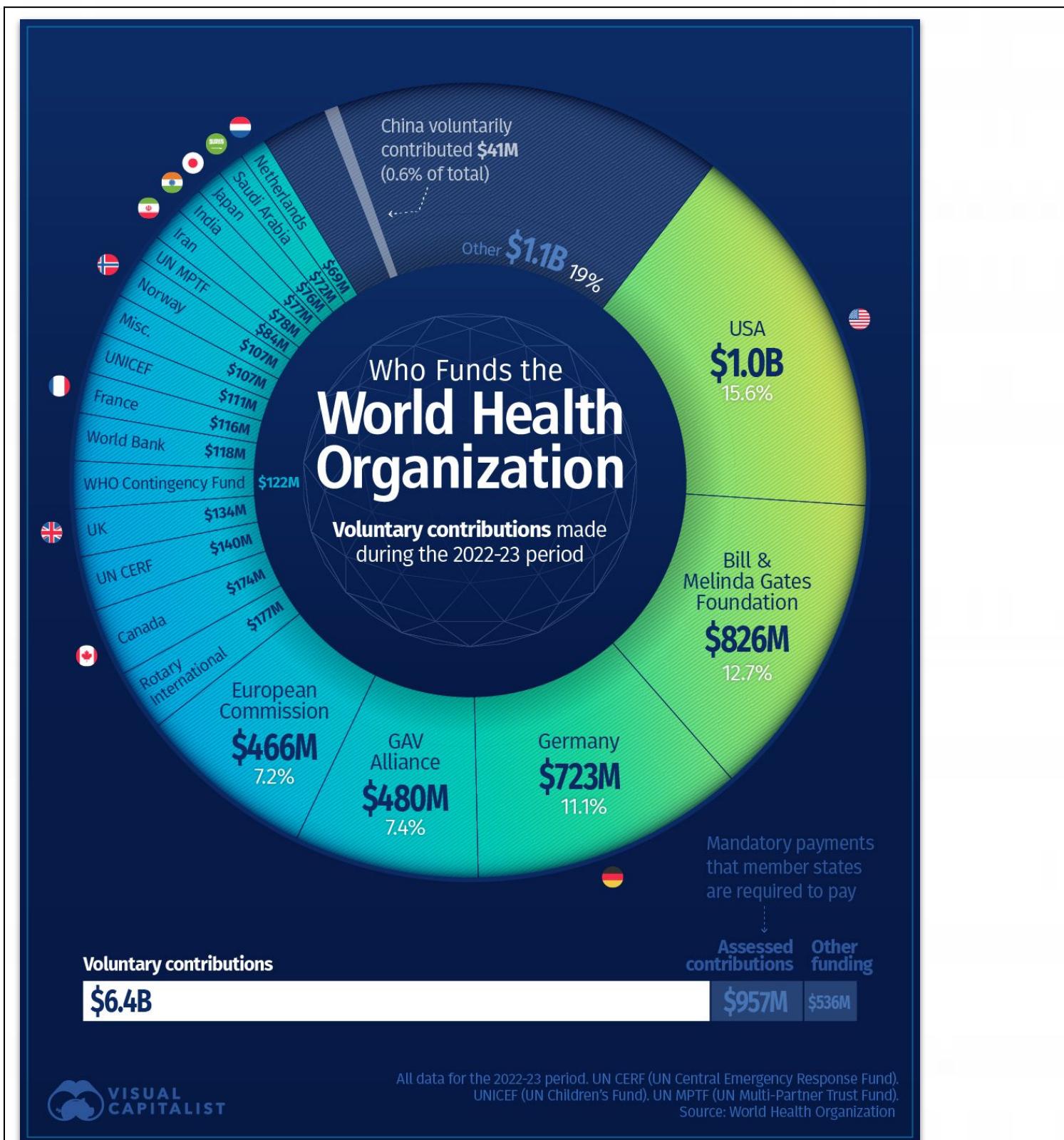
3 weeks ago



Relevance of WHO

SYLLABUS : GS2 : Important International Institutions, agencies and fora - their structure, mandate

Newspaper: The Indian Express **Page Number:** 10



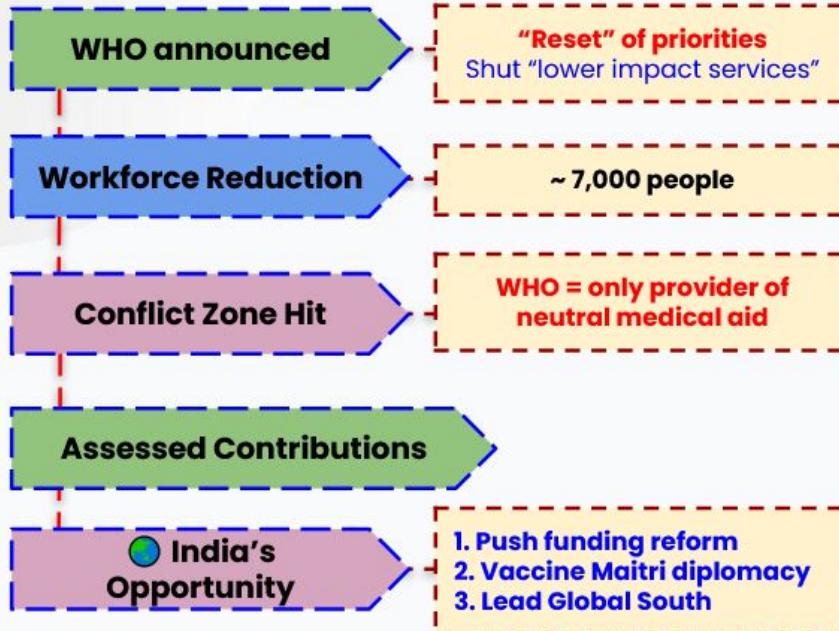
Relevance of WHO



SYLLABUS : GS2 : Important International Institutions, agencies and fora - their structure, mandate

Newspaper: The Indian Express **Page Number: 10**

♟ Vulnerability Analysis



WHO'S FUNDING REQUIREMENT FOR RESPONDING TO EMERGENCIES IN 2025

EMERGENCY	US\$ '000
Afghanistan Humanitarian Emergency	126 720
Democratic Republic of the Congo Humanitarian Emergency	2857
Ethiopia Humanitarian Emergency	24 000
Haiti Humanitarian Emergency	18 480
Lebanon Humanitarian Emergency	48 051
Mpox Public Health Emergency of International Concern	81 241
Multi-Region Cholera	45 623
Myanmar Humanitarian Emergency	7573
occupied Palestinian territory Humanitarian Emergency	296 200
Somalia Humanitarian Emergency	38 070
South Sudan Humanitarian Emergency	22 056
Sudan Humanitarian Emergency	135 000
Sudan Refugees Humanitarian Emergency	51 700
Syrian Arab Republic Humanitarian Emergency*	141 462
Ukraine Humanitarian Emergency	68 361
Yemen Humanitarian Emergency	57 826
Contingency Fund for Emergencies (CFE)	50 000
Grand total	1 520 901



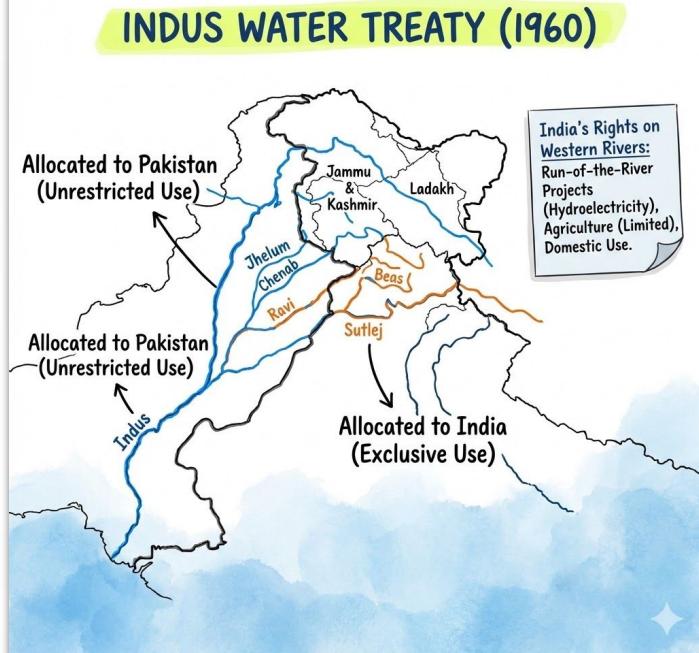
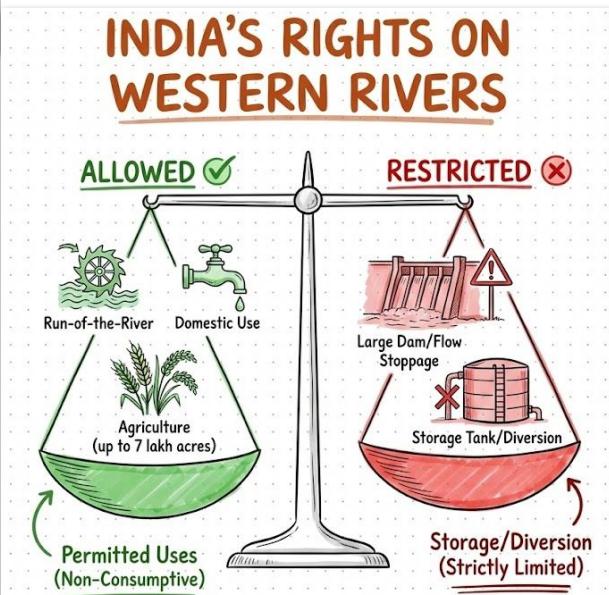
SYLLABUS: GS 2 : India and its Neighborhood (Hydro-diplomacy)
GS3: Infrastructure (Energy), Internal Security (J&K Development)
Newspaper: The Indian Express Page Number: 2

Run-of-the-River vs. Storage Dams

India Today

After Indus Treaty freeze, government fast-tracks mega Chenab dam project

The Modi government has accelerated the Sawalkot hydroelectric project on the Chenab river in Jammu and Kashmir. The project aims to enhance...



UPSC PYQ (P) 2021

With reference to the Indus river system, of the following four rivers, three of them pour into one of them which joins the Indus directly. Among the following, which one is such a river that joins the Indus direct?

- (a) Chenab
- (b) Jhelum
- (c) Ravi
- (d) Sutlej

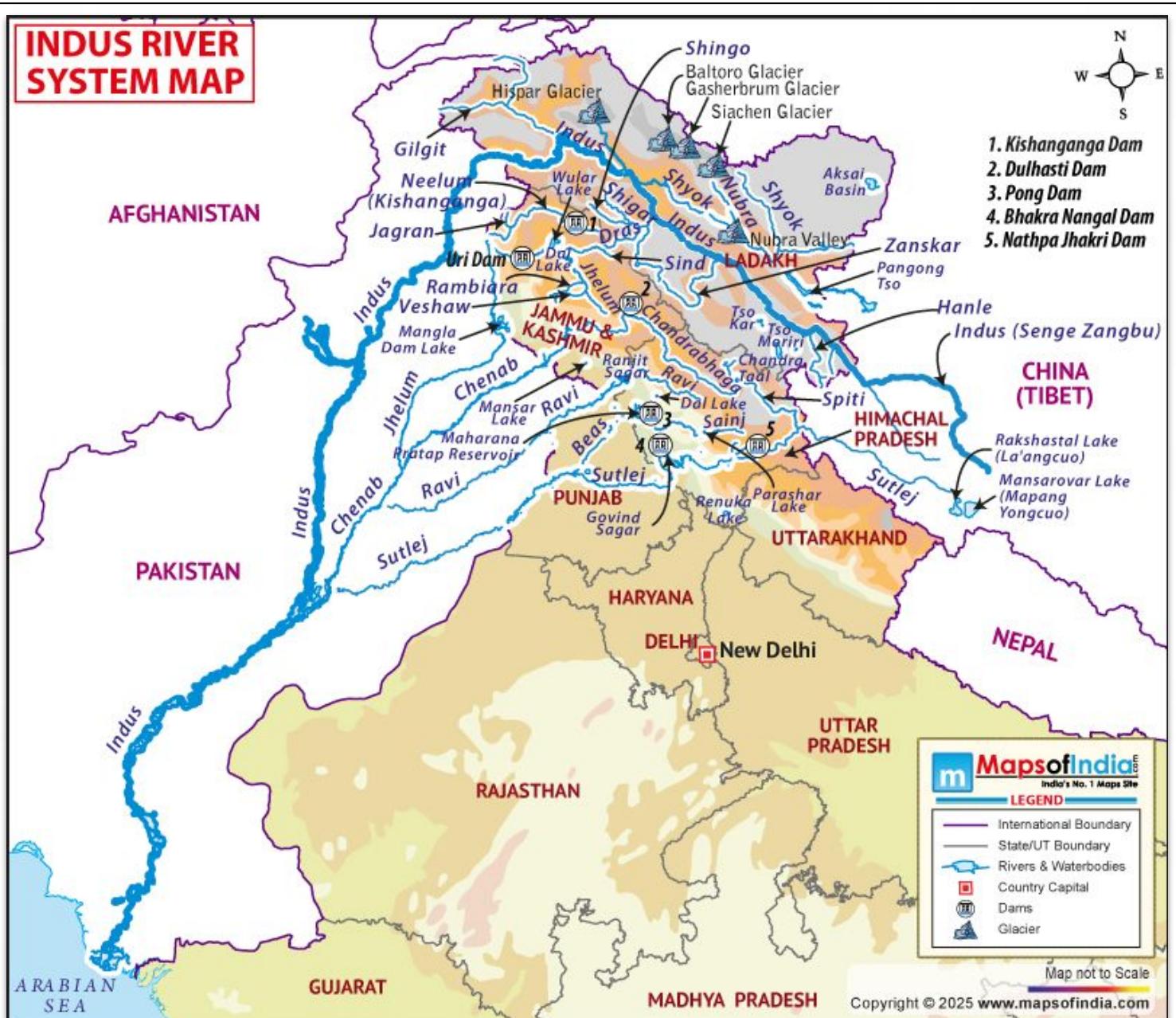


SYLLABUS : GS 2 : India and its Neighborhood (Hydro-diplomacy)

GS3: Infrastructure (Energy), Internal Security (J&K Development)

Newspaper: *The Indian Express* **Page Number:** 2

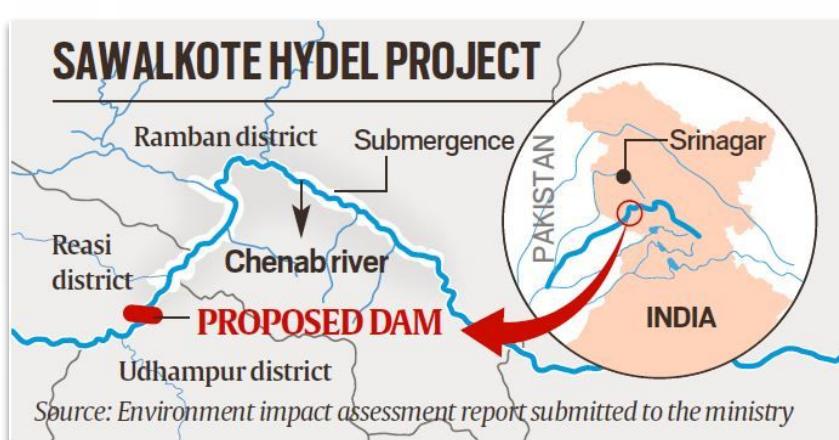
INDUS RIVER SYSTEM MAP



Sawalkote Project & Indus Water Treaty

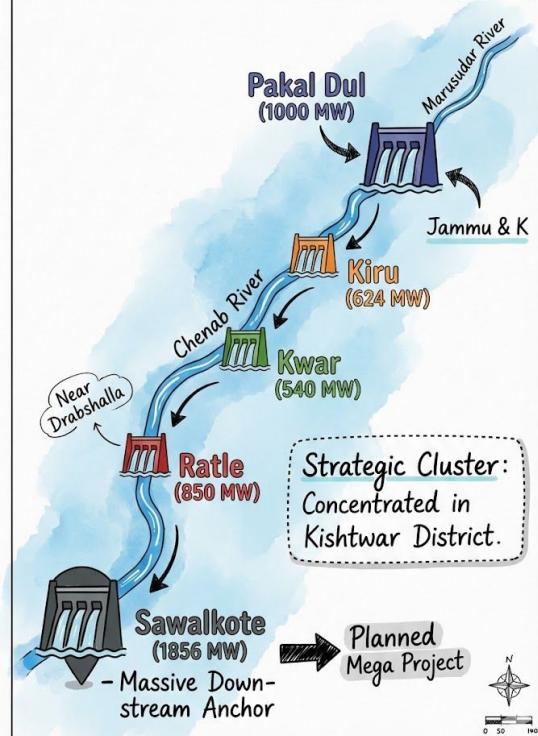


SYLLABUS: GS 2 : India and its Neighborhood (Hydro-diplomacy)
GS3: Infrastructure (Energy), Internal Security (J&K Development)
Newspaper: The Indian Express Page Number: 2



Capacity	1,856 MW (St-1: 1406 MW + St-2: 450 MW).
Type	Run-of-the-River
Timeline	9 Years (Target: Mid-2030s).
Construction	24x7 Mode: Full speed in non-monsoon, 50% speed during monsoon.

THE CHENAB CASCADE: 4 MAJOR PROJECTS



Strategic Analysis

"Tap Control"

90% of Pak agri depends on Indus.
75% of water from Ind

Speed over Protocol

International Court of Arbitration cases

Energy Security for J & K

Indus Water Treaty Dusted
The Plan: 2025-2035

China Parallel



The Economic Times

'Unprecedented crisis': Pakistan cries in UN over India's decision to keep Indus Water Treaty in abeyance

Pakistan accuses India of creating an "unprecedented crisis" by suspending the Indus Waters Treaty, warning of severe threats to its water...

3 weeks ago

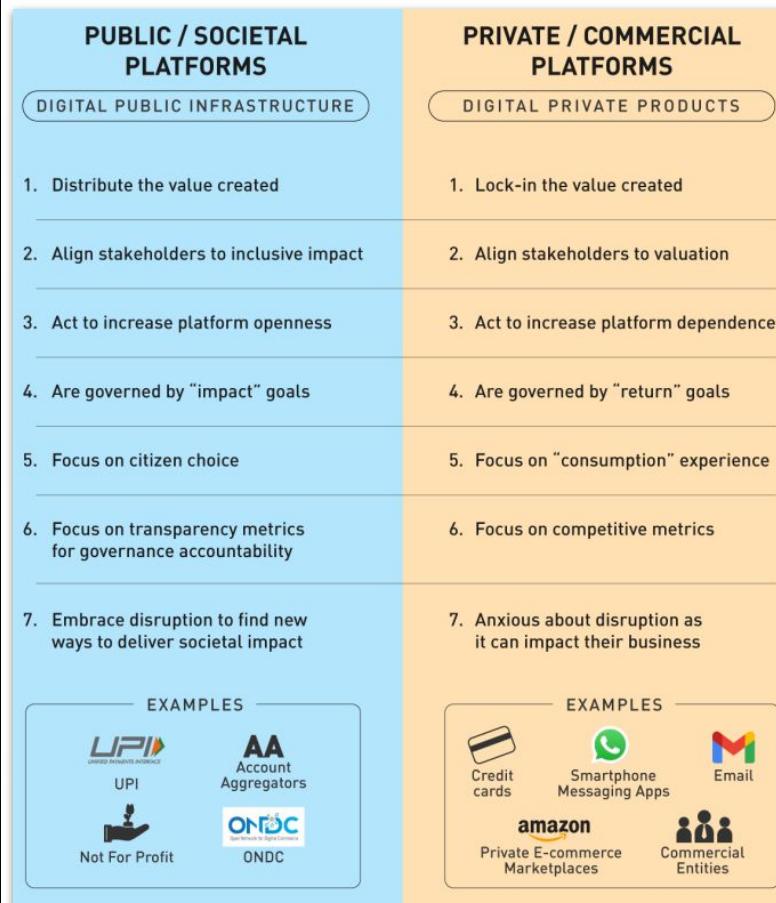
Suspension of Indus Water Treaty threatens Pakistan:

- 16 million hectares of crops at risk
- Karachi and Lahore face severe water crises
- Power crisis looms with 25% grid reliant on Indus dams
- Economic shock likely with 25% GDP tied to the Basin

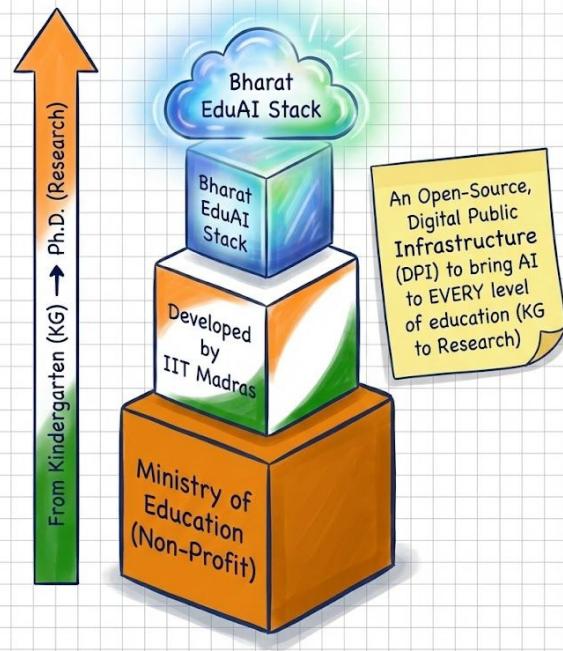


**SYLLABUS: GS 2 : Issues relating to Education, Governance
GS3: Science & Technology (Indigenization of technology, AI Awareness)**
Newspaper: The Hindu Page Number: 16

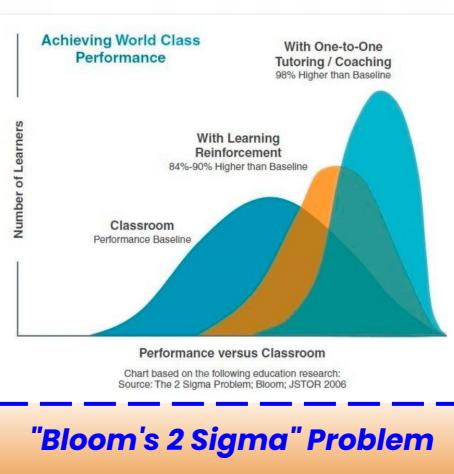
Digital Public Infrastructure for Education



INTRODUCING: BODHAN AI



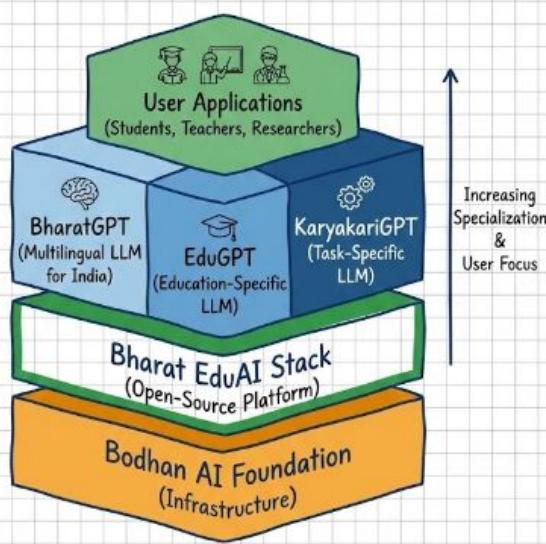
Goal: To provide a "Personal Tutor" for every student and a "Personal Assistant" for every teacher, from **KG** to **PhD**.



SYLLABUS: GS 2 : Issues relating to Education, Governance
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💡 What is Bodhan AI?

BHARAT EDUAI STACK: THE COMPONENTS



The Basics: What is a "Stack"?

Set of technologies layered on top of each other

Layer 1 (Base)	Cloud & Compute Power
Layer 2 (Brain)	AI Models
Layer 3 (App)	Chatbot/Tutor

Why "Open Source"?

Core philosophy

- **Inclusive** by Design
- **Interoperable** by Architecture
- **Sovereign** by Capability

'Digital India' to 'Intelligent India'

Key Features

 The AI Tutor	Personalized chatbot
 Teacher's Aid	Lesson plans, grade papers, etc.
 Parent Connector	Child's skills
 Institutional Admin	Data points on learning patterns.

🌐 OTHER Strategic Collaborations

MoUs were signed:

- **IIT Bombay + Columbia University:** Setting up a "Centre of AI for Manufacturing" (Industry 4.0).
- **IIM Lucknow:** Launched an AI Programme.
- **IIM Jammu + AIT Bangkok:** Institutional collaboration.
- **IIM Ranchi:** "Teaching with AI" initiative.



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Various INDIAN AI-Startups in News

HEALTHCARE

Niramai has developed a non-invasive, privacy-conscious **breast cancer screening** tool that uses **AI-driven thermal imaging** instead of traditional mammography. The tool is portable and low-cost, and enables the early detection of abnormalities in women of all ages, including those with dense breast tissue where mammography often fails.

Qure.ai is an AI tool that **analyses X-rays and CT scans in seconds**, detecting more than 35 conditions like TB, lung cancer, and heart failure. This solution is very effective in resource-constrained settings where radiologists are unavailable.

AISteth, an AI-powered stethoscope, **converts heart and lung sounds into visual waveforms** for accurate, remote diagnosis. This low-cost device has a **93% accuracy** and empowers frontline health workers in rural India to detect cardiac and respiratory issues early.

AGRICULTURE

Neoperk is a portable device which uses near-infrared spectroscopy and machine learning to **analyse soil health instantly without conventional lab chemicals**. It provides lab-accurate results for 12 key soil parameters in under five minutes, empowering farmers to make data-backed decisions on fertiliser use and reducing input expenses.

CottonAce by Wadhwani Institute for Artificial Intelligence is an AI-based mobile app that **allows farmers to upload photos of trapped pests to receive instant, localised advice on pesticide application**. This app helps thousands of smallholder cotton farmers protect their crops from pests like pink bollworm, leading to higher-quality harvests and increased profit margins.

Niqo Robotics uses AI-powered robots equipped with **computer vision (day-and-night cameras)** to **identify pests and weeds in real time**. This allows for targeted spraying of pesticides. It has led to a significant reduction in pesticide use (up to 60-90% in some cases), lowering costs for farmers and reducing environmental toxicity.

Cropin is an AI-enabled digital ecosystem that spans farm monitoring, credit risk analytics, and last-mile farmer engagement. It drives **sustainable productivity and climate-smart decisions**, turning fragmented practices into predictive farming systems ready for global scale.

EDUCATION

PadhaiWithAI uses an AI-powered personalised learning platform designed to tackle poor mathematics learning **outcomes** in government schools. Within just six weeks, the initiative significantly improved pass rates and the performance of high-achievers. It serves as a scalable model for bridging learning gaps in rural Indian education.

Rocket Learning has an AI-powered learning companion, Appu (a generative AI elephant), that **interacts with parents and children via WhatsApp**. It delivers bite-sized, play-based activities to help children under six years achieve foundational literacy and numeracy.

Belagavi Smart City is integrating deep learning-enabled eBooks into its public library ecosystem. Designed to analyse user behaviour and adapt storylines, vocabulary, and difficulty levels in real time, these books have enabled a **12% improvement in reading speed** in just two weeks.

Government as facilitator

The government can become a powerful ecosystem orchestrator for these grassroots AI innovations, helping them scale to pan-India high-impact applications. A strong national governance framework for the Indian AI Application Stack that dovetails with international frameworks like the European GDPR can make the stack a plug-and-play in many countries.

Building AI for India

India now has 10 startups focused on AI research, while over 60 are creating products and wrappers from existing generative AI solutions.

Sarvam AI

Building Indic voice LLMs. The creator of OpenMathi, an Indic Hindi LLM built on top of Llama 2.

KissanAI

Unveils Dhenu, India's first agriculture-specific LLM, supports Hindi and English for real-time farming assistance.

Soket AI Labs

Promotes ethical AI and unveils Pragna-1B, an open-source, multilingual model.

Subtl.ai

Offers 'Private Perplexity' AI for enterprises, ensuring data management and privacy.

Stition.ai

Built Devika, an open-source alternative to Cognition Labs Devin, alongside developing AI-enabled security products and conducting LLM security research.

TWO AI

Launches ChaiGPT, enabling seamless AI conversations in 50+ languages.

Krutrim

India's first AI unicorn with an LLM trained on 2 trillion tokens and robust cloud services.

CoRover.ai

Develops BharatGPT, supporting over 22 Indian languages for diverse AI virtual assistants.

Kogo AI

Builds India's first large action model (LAM)-based platform.

Tensoic

Built Kannada Llama.

CognitiveLab

Releases Indic LLM Leaderboard and Yolo Gemma, vision language models for computer vision tasks like object detection, powered by Paligemma.



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Global AI Impact Summit



AI
IMPACT
SUMMIT
भारत 2026 INDIA



India-AI Impact Summit 2026 16 - 20 February 2026

- The India-AI Impact Summit 2026 will be the first global AI summit to be hosted in the Global South.
- It will be held from 16 to 20 February 2026 at Bharat Mandapam, New Delhi, as a five-day programme covering policy, research, industry, and public engagement.
- It will be anchored on 3 foundational pillars, or 'Sutras': People, Planet and Progress.
- The India AI Impact Expo is expected to feature over 300 exhibitors, from 30 Countries, across more than 10 thematic pavilions.

Source: PIB

UPSC PYQ (P) 2025

Consider the following statements regarding the AI Action Summit held in Grand Palais, Paris, in February 2025

1. Co-chaired with India, the event builds on the advances made at the Bletchley Park Summit held in 2023 and the Seoul Summit held in 2024.
2. Along with other countries, US and UK also signed the declaration on inclusive and sustainable AI.

Which of the statements given above are correct?

- A. I only
- B. II only
- C. Both I and II
- D. Neither I nor II



Q1. Which of the following initiatives promote digital and AI-related skill development in India?

1. Skill India Mission
2. Pradhan Mantri Kaushal Vikas Yojana (PMKVY 4.0)
3. FutureSkills PRIME

Select the correct answer using the codes given below.

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

Answer: d

Q2. With reference to Substantive Motion, consider the following statements:

1. A substantive motion is not dependent on another motion.
2. It is self-contained and complete in itself.
3. It can not lead to a binding decision of the House and hence it is not put to vote.

How many of the above statements is/are correct?

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

Answer: b

Q3. With reference to the World Health Organization (WHO), consider the following statements:

1. WHO has two main sources of funding: assessed contributions and voluntary contributions.
2. Assessed contributions are mandatory dues calculated based on factors such as GDP and population.
3. Voluntary contributions are often "earmarked" for specific purposes by donors.
4. WHO's core functions include disease surveillance, pandemic response, vaccination support, technical guidance and setting health standards.

How many of the above statements is/are correct?

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

Answer: d

Q4. How many of the following are Rabi crops in India?

1. Field Bean
2. Green gram
3. Black gram
4. Chickpea
5. Lentil

Select the correct answer using the codes given below.

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

Answer: d

Q5. The Svalkot Hydel Project is located on which of the following rivers?

- a) Chenab
- b) Jhelum
- c) Sutlej
- d) Beas

Answer: a





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