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Institute for IAS Examination

The Analyst

CURRENT AFFAIRS Handout

07th September 2025



07th September 2025

CONTEXT: MGNREGA Sangharsh Morcha claims that there is direct correlation between declining Central Allocation for the scheme and reduced income of rural women

Chapter 1: Why there is need for such Scheme?

Paradox of 4th Largest Economy :

Economic Criteria	2004	2014	2024
Nominal GDP	\$709 Billion	\$2.04 Trillion	\$4.19 Trillion
Purchasing Power Parity	\$1.75 Trillion	\$6.45 Trillion	\$17.65 Trillion
Per Capita Income	\$2424 (181st rank)	\$4935 (166th rank)	\$12,131 (149th rank)
Lowest among G20 countries in both Per Capita GDP & PPP terms			

World Bank : "Becoming a High Income Economy" Report :

- **India** : Required to grow by **7.8%** on average till 2047 to achieve idea of "**Viksit Bharat**"
- **Economic Survey 2025** : India's Real GDP Growth Rate : **6.4%** in FY 2024-25
- **2022-2024** : Average Growth rate : **7.2%**

Chapter 1: Why there is need for such Scheme?

EMPLOYABILITY RATE

According to the India Skills Report 2025, only 54.81% of graduates in India are considered employable.

54.81%

MALE EMPLOYABILITY: 53.5%
FEMALE EMPLOYABILITY: 47.5%

Over 47% of Indian graduates are unfit for any type of industry job.



INDUSTRY READINESS

Over 47% of Indian graduates are unfit for any type of industry job

47%

UNDEREMPLOYMENT OF GRADUATES

50.3% of graduates and 28.1% of postgraduates are employed in semi-skilled jobs, not aligned with their qualifications



UNEMPLOYMENT AMONG GRADUATES

29.1% of graduates are unemployed -- nearly 9 times higher than the unemployment rate for illiterates (3.4%).



YOUTH SHARE IN UNEMPLOYMENT

83% of India's unemployed workforce are youth, and 65.7% of them have secondary or higher education

38%

Truth of "Skilled" Demographic Dividend :

Status of vocational training in India for 2023-24 (age group 15-59 years)



Source: Institute for Competitiveness/ Economic Survey of India 2024-25; Annual PLFS report 2023-24

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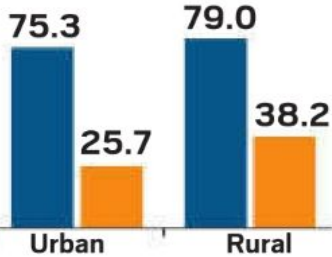
CONTEXT: MGNREGA Sangharsh Morcha claims that there is direct correlation between declining Central Allocation for the scheme and reduced income of rural women

Chapter 1: Why there is need for such Scheme?

Periodic Labour Force Survey 2025:

LFPR (%)*

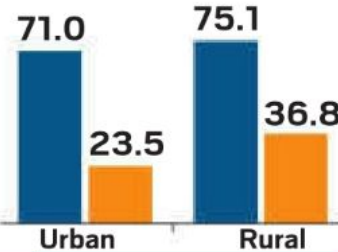
Male Female



% of the population that is in labour force = working, seeking work, or available for work

WPR (%)*

Male Female



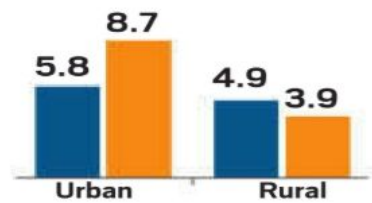
Refers to number of Person who worked for at least one hour on any day during the days preceding the Survey

% of persons actually employed in the population.

Unemployed people among the labour force

Unemployment Rate (%)

Male Female



Source: MoSPI

Chapter 2: Provisions of MGNREGA :

MGNREGA

Guarantees at least 100 days of legal unskilled manual work as guaranteed employment in a fiscal year to every rural household as per demand

Min of Rural Development

Gram Panchayat - generates job card after enquiry

33% work - Women

Mandatory Social Auditing

Unemployment Allowance

Is it a centrally sponsored scheme?

Centre's Share

State's Share

- 100% wage cost
- 75% Material cost
- 100% wages for Skilled & Semi-Skilled work
- 100% Administrative Expense
- What if failure in payment is due to Centre not releasing funds?

- 100% Unemployment Allowance
- 25% Material cost
- Cost of Land Acquisition

Employment within 5 Km

Not provided within 15 Days of submitting Application

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CONTEXT: MGNREGA Sangharsh Morcha claims that there is direct correlation between declining Central Allocation for the scheme and reduced income of rural women

Chapter 3: Persisting Issues in MGNREGA :

Low "Subsistence level" payment structure

People's Action for Employment Guarantee (PAEG) : MGNREGA wages in 17/21 states were lower than state's minimum wage for agriculture

Cycle of "Delayed Payments" & Compensation

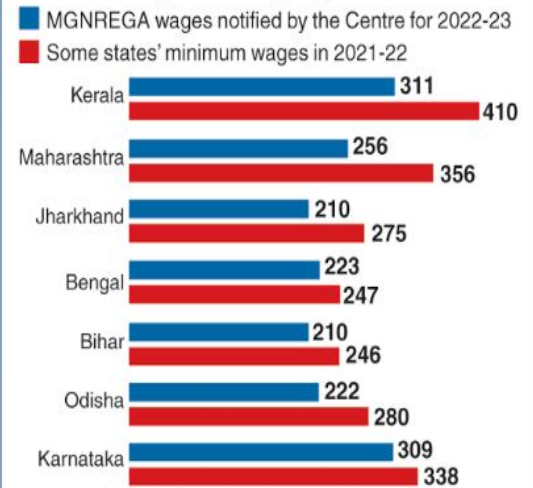
From 16th day, workers are entitled to delay compensation of 0.05% per day of allowance

Tussle between Centre & State : Passing the bucket of Blame

Ministry of Rural Development : ₹2,550 crore worth of wages paid after the mandated 15 day period in FY 2024-25

THE PAY GAP

Figures are daily wages in Rs



Source: Union rural development ministry and data from states

Chapter 3: Persisting Issues in MGNREGA :

Datasheet for "Delayed Payments" :

State/Union Territory (UT)-wise details of approved delay compensation, delay compensation paid and delay compensation due under Mahatma Gandhi NREGS. (In Rs.)

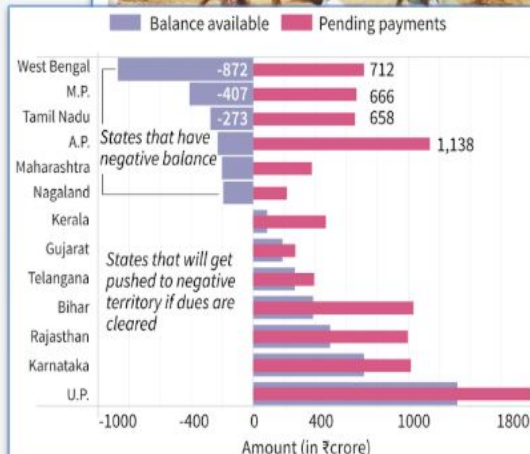
Sl. No.	State/UT-wise	Financial Year 2024-25 (as on 25.03.2025)		
		Approved delay compensation	Delay compensation paid	delay compensation due
1	Andhra Pradesh	12	7	5
2	Arunachal Pradesh	27440	0	27440
3	Assam	41357	27876	13481
4	Bihar	102178	0	102178
5	Chhattisgarh	7	0	7
6	Goa	93792	0	93792
7	Gujarat	355	0	355
8	Haryana	53600	44208	9392
9	Himachal Pradesh	13330	5701	7629
10	Jammu and Kashmir	665366	330754	334612
11	Jharkhand	4109	3427	682
12	Karnataka	16080	7836	8244

Work demand under MGNREGA job scheme increased by 4.2% in May, shows data

Data shows that historically, May is a month when MGNREGA work demand is among the highest as traditional activities around agriculture weaken due to the lean cropping season



State's Argument :



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CONTEXT: MGNREGA Sangharsh Morcha claims that there is direct correlation between declining Central Allocation for the scheme and reduced income of rural women

National Mobile Monitoring Software (NMMS) App :

- Real time **Geo - Tagging** attendance of workers
- **Care work responsibilities** of Women
- Issue of **"Digital Divide"**
- Unavailability of **"Smartphones"** to use **"Mate"** App to register attendance

Fiscal Gliding Path by Government

- **Insufficient Budget allocation & "Fund Crunch"**: 3.2% Budget share in 2021 to 1.78% in Budget 2025
- **90% Fund exhaustion** within 6 months
- **Falling Person - Days generated**: 50% less person days generated in 2024-25
- **Delay in completing works & Poor asset quality**

Chapter 3 : **Persisting Issues in MGNREGA :**

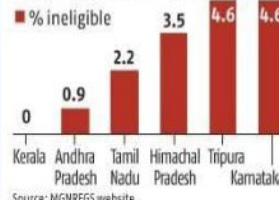
AADHAAR-BASED PAYMENT SYSTEM

As on December 31

143.2 mn*	125.3 mn*	87.5%	12.5% (Approx 18 mn)
Active workers	Active workers eligible for ABPS	Active workers eligible for ABPS	Active workers ineligible for ABPS

*Total active workers are those who have attended work at least once in the last three financial years
Source: MGNREGS website and data from civil society groups

States with least percentage of active workers ineligible for ABPS



States with highest percentage of active workers ineligible for ABPS



Source: MGNREGS website

Chapter 4 : **Steps to Take :**

Amarjeet Sinha Committee 2023

Global Best Practices

- ❑ **Flexible Funding Model :** Released of funds in tranches based on demand
- ❑ **Ridge to Valley Approach :** Cluster of Inter - Linked works
- ❑ **Linkages with other schemes :** PMGSY & JJM

Average workdays per household is down to just 44 days under MGNREGS

The impact of low budgetary allocation is showing in terms of fall in person days from 312.37 crore in 2023-24 to 239.67 crore till February 2025, while average workdays per household declined from 52.08 to just 44.62

MGNREGS audit crosses 50% local bodies in just six States

High rate of corruption is one of the primary complaints against the scheme and social audit is the inbuilt anti-corruption mechanism in the Act

Block Development Model under PNPM Programme of Indonesia

Focusing on skilling of Rural area under "Productive Safety Net Programme" of Ethiopia

Use of Technology for Transparency & Digital Payments : Bolsa Familia of Brazil

Declining Central Allocation for MGNREGA



CONTEXT: MGNREGA Sangharsh Morcha claims that there is direct correlation between declining Central Allocation for the scheme and reduced income of rural women

Mains Practise Question

Question : What are the salient features of the **MGNREGA Scheme?** Despite noble aims and objectives, why the scheme has been unable to deliver the desired results at the grassroot level? Elucidate.
(15 Marks, 250 words)



On the move with Green Hydrogen

CONTEXT: The Indian Railways recently announced that a hydrogen powered train developed by Integral Coach factory in Chennai has completed all tests

Heading 1: Need of "Green Hydrogen" Mission :

State of Global Climate Report 2024

Average Temp rise : **1.45 degree celcius** from Pre - Industrial level

"Temperature will rise by **3.1 degree Celsius** by end of 21st century"

Global mean sea level rise by **1.3 metres** (1995-2014 level)

Water scarcity, droughts, flash floods & Intensification of Tropical Cyclones

"World will breach Paris Agreement target within **next 2 decades**"

Cost of Climate Change on GDP



Source: Reserve Bank of India
Graphic: Samrat Sharma & Jaipal Sharma



Heading 1: Need of "Green Hydrogen" Mission :

India's mean surface temperature has risen by **1 degree celcius** from 1950

India's Power Demand :

- India's cooling demand = **50 GW** = 1/5th of Peak power demand
- 2030 = **200 GW** by 2030
- 4.47%** power generation deficit in 2024-25

India's "Global Warming" Woes :

LPG Reforms : **0.5 degree celsius** since 1991

2023 : **77 heatwave events** spanning a cumulative 536 days across the country

Total Installed Power Capacity = 456 GW (Nov, 2024) of which Coal Based TPP = 217 GW

71% Power generation from TPPs

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CONTEXT: The Indian Railways recently announced that a hydrogen powered train developed by Integral Coach factory in Chennai has completed all tests

Heading 2: Working of "Hydrogen Fuel Cell":

Advantages of Hydrogen Fuel Cell:

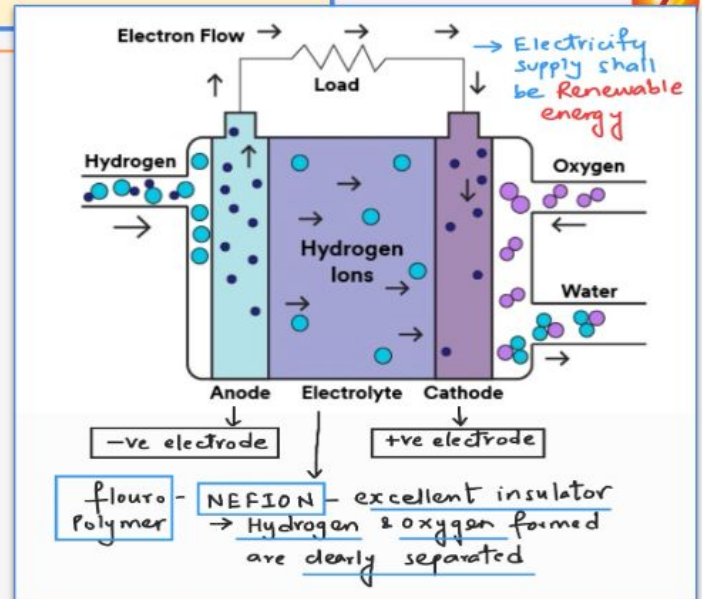
Do not run out of charge & do not need to be recharged with electricity

No need of charging for Hours like EV

No GHG Emission = Only water vapour & warm air

Twice more efficient than IC Engines

Grid independent = Attractive options for critical load functions



Heading 3: Steps taken by GOI:

National Green Hydrogen Mission:

Centre clears ₹19,744-crore Green Hydrogen Mission

Plan to make India energy-independent, decarbonise major sectors of the economy, and to turn the country into a global hub to produce, utilise and export the alternative fuel & its derivatives

SIGHT for Domestic manufacturing of Electrolysers

2.5 times more energy per tonne v. Natural Gas

Replace Coal & Coke in Iron & Steel production

Replacement fuel for Heavy duty vehicles

UNION CABINET APPROVES NATIONAL GREEN HYDROGEN MISSION

EXPECTED DELIVERABLES BY 2030

At least
5 MMT
GH₂ annual
production

60-100 GW
electrolyser capacity

125 GW
RE capacity for
GH₂ generation
and associated
transmission
network

Total outlay approved: ₹ 19,744 crore



Rs 1 lakh crore
import savings

50 MMT
CO₂ annual emissions averted



6 lakh
jobs



Rs 8 lakh crore
investment

On the move with Green Hydrogen

CONTEXT: The Indian Railways recently announced that a hydrogen powered train developed by Integral Coach factory in Chennai has completed all tests

Heading 4 : Issues in the production of Green Hydrogen :

Prohibitive Cost of Production

Green Hydrogen (\$4-6/kg) v. Grey Hydrogen (\$1.5-2.5/ kg)

Large amount of Renewable Energy

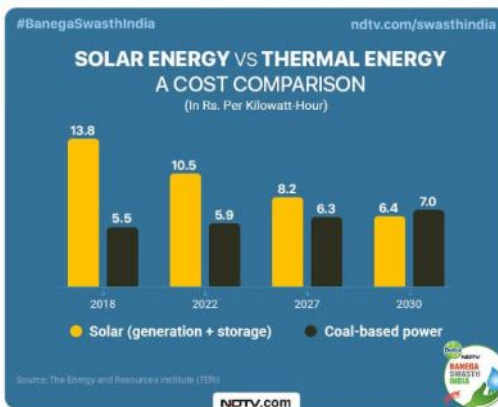
5 MMT of Hydrogen would require 125 GW of dedicated round the clock Solar & Wind energy

Weak Private Sector Interest

High gestation period, Large scale technology upgradation & high capital cost

Small Scale Electrolyser Manufacturing Capacity

China & USA (15-20 GW / year) v. India's aim of 25 GW by 2030



Heading 5 : Suggestions by the Article :

Production of Hydrogen in Microbial Electrolytic Cells

Oxidation of Organic matter : Agricultural residues, wastewater

Replacing Expensive materials like Platinum with Nickel or Cobalt

JNC - ASR : Nickel Hydroxide - Graphite Electrodes with water splitting capability

Electrolyser under PLI scheme

India looking to capture 10% of global demand for green hydrogen: Shripad Naik

MoS Shripad Naik at the FICCI event observed that the cost for producing green hydrogen was coming with technological advancements in solar PV, offshore wind and electrolyser efficiency.

Adani commissions India's 1st off-grid green hydrogen pilot plant

On the move with Green Hydrogen



CONTEXT: The Indian Railways recently announced that a hydrogen powered train developed by Integral Coach factory in Chennai has completed all tests

Mains Practise Question

**Question : What is National Green Hydrogen Mission? What are the challenges which curtail the Green Hydrogen production in India? Provide suggestive measures.
(15 Marks, 250 words)**



SYLLABUS : GS 2 Functions of Parliament
Newspaper The Indian Express **Page Number : 07**

Elections in Rajya Sabha

Context of News

LAST MONTH, the Union Law and Justice Ministry turned down the Election Commission (EC)'s request for a presidential order to stagger the terms of J&K's four Rajya Sabha seats, which run concurrently.

The EC asked for the presidential order to ensure that the four seats do not become vacant at the same time and the UT remains continuously represented in the Upper House. The Law and Justice Ministry, however, said there was no provision in law for such an order.

Vacant since 2021

"Terms of MP ended while UT was under President's Rule"

EC : Asked for Presidential Order

1st ever RS elections in 1952 : Terms for 2/3rd seats did not end

Article 83 : 1/3rd members retire every 2nd year

Elections in Rajya Sabha

Importance of Election?

Equal Status	Unequal Status	Special Powers
<ul style="list-style-type: none"> Introduction & passage of Ordinary & Constitutional amendment bills Amendment or passage of Financial Bills (Article 117 (3)) Election & impeachment of President Removal of CJI, Judges of SC/ HC & CEC Approval of Ordinances issued by President (Article 123) Approval of Proclamation of all 3 types of Emergencies 	<ul style="list-style-type: none"> Money Bill (Article 110) can be introduced only in LS RS can not amend or reject a Money Bill Whether a Bill is money bill or not? Speaker of LS RS can only discuss the Budget but can not vote on Demand for Grants Resolution for discontinuation of National Emergency can be passed only by Lok Sabha Can not pass NCM 	<ul style="list-style-type: none"> Article 67 : RS alone can initiate the removal of VP Article 249 : Authorise Parliament to make law on State List Article 312 : Authorise Parliament to create new AIS Can Approve all type of Emergency if LS has been dissolved



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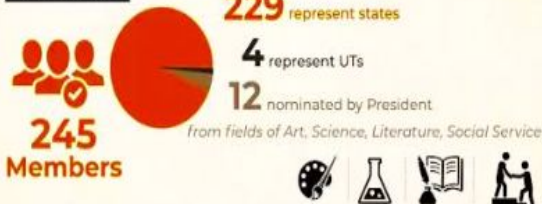
SYLLABUS : GS 2 Functions of Parliament
Newspaper The Indian Express **Page Number : 07**

Elections in Rajya Sabha

4th Schedule & Article 80 :

250 Seats - 238 representatives of States and UTs elected indirectly, 12 nominated by President

AT PRESENT



Allocation of Rajya Sabha seats depends on the **population of the state/UT**

Rajya Sabha, the permanent house, never gets dissolved completely.

Every 2 years, **1/3rd members** retire after completing their respective 6 year term

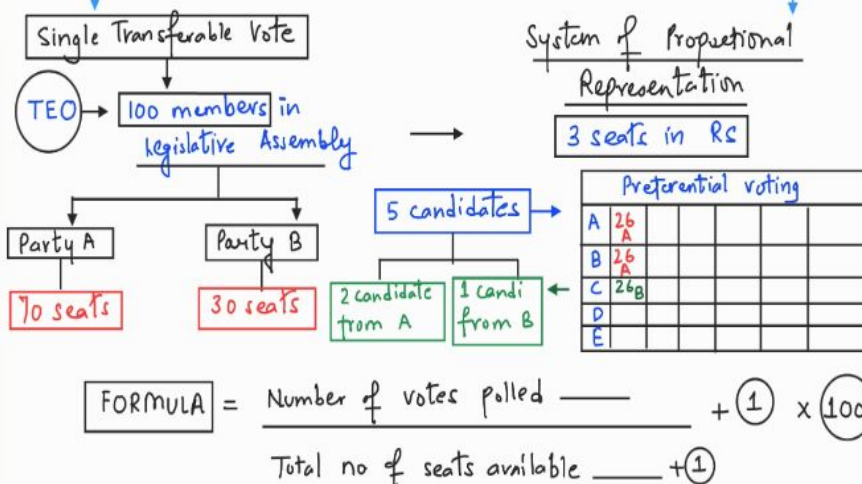
Elected members of respective state assemblies elect the RS members... **but HOW?**

PRELIMS 2020 :

2. Rajya Sabha has equal powers with Lok Sabha in
 - (a) the matter of creating new All India Services
 - (b) amending the Constitution
 - (c) the removal of the government
 - (d) making cut motions

Elections in Rajya Sabha

Members → Indirectly elected by **ELECTED** member of LA/UT



HOW ARE RAJYA SABHA MEMBERS ELECTED?

Proportional Representation through Single Transferable Vote

Candidates fielded by political parties should be proposed by:

at least 10 members of State Assembly **OR** 10% of party strength in the House

To fill X no. of vacant seats, the candidate needs a **Quota** of votes or support from a particular number of its existing MLAs to win

HERE'S HOW IT'S CALCULATED

Value of Vote = No. of MLAs x 100

$$\text{Quota To Win} = \frac{\text{Value of Vote}}{(\text{Vacancies} + 1)} + 1 / 100$$

Elections in Rajya Sabha



SYLLABUS : GS 2 Functions of Parliament
Newspaper The Indian Express **Page Number : 07**

Elections in Rajya Sabha



The Conflict?

Commission on August 22 that a presidential order could not be issued as there was no provision in the law for it. Only two times such orders have been issued – in 1952 and 1956 as per the Constitution and Representation of the People Act, 1951.

What the law says

Section 154 of the R P Act, 1951 says that the term of office of the member of the Council of States would be of six years. But, in order to make it a continuous House, presidential orders were issued twice.

Recent Amendments :

2003 Amendment to RPA 1951

Elections to be held through "Open Ballot"

Kuldip Nayar v. UOI 2006

Candidate is not required to be elector in the state from where they are contesting for RS

Anti - Defection Law

Not applicable in the case of elections to Rajya Sabha

Shailesh Manubhai Case 2018

NOTA is not applicable



07th September 2025

SYLLABUS: Prelims Economy
Newspaper The Indian Express **Page Number :** 13

Realisation on REER

Context of the News :

DAYS AFTER meeting Finance Minister Nirmala Sitharaman, exporters are set to meet RBI Governor Sanjay Malhotra on September 11 seeking a range of support measures — from a weaker rupee and easier loan repayment terms to credit support for help in diversifying into other markets — to tide over the immediate stress caused by US tariffs, *The Indian Express* has learned.

Why Weaker rupee?

Imports will get costlier

Exports will become cheaper

To cut down REER from current 103 to 88

Help boosting Indian Export

Realisation on REER

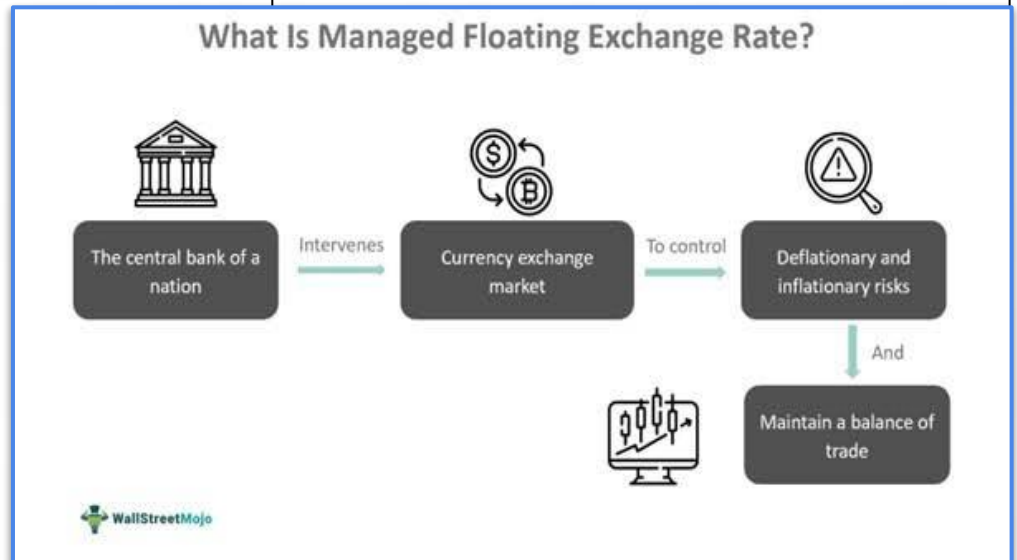
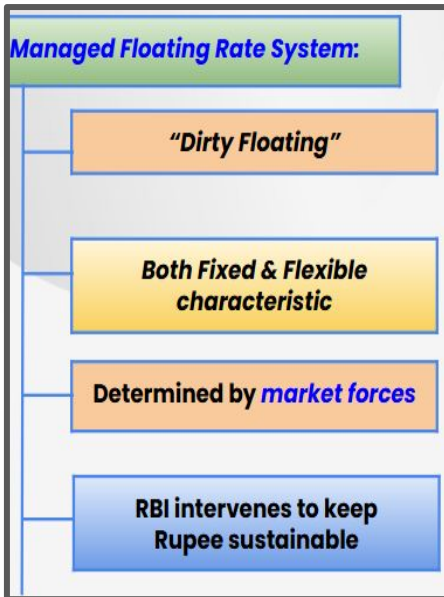
Basis of Difference	Fixed Exchange Rate	Flexible Exchange Rate
Determination of Exchange Rate	Officially fixed in terms of gold or any other currency (pegging)	Rate of exchange determined by forces of demand & supply
Government Control	Complete Government Control	Fluctuates freely according to market condition
Stability	Rate remains mostly stable thus stability in Capital movement	Rates keep on changing
Impact on Currency	Currency is devalued	Currency appreciates & depreciates
FOREX Reserves	Large FOREX required	No need to maintain FOREX Reserves
Impact on BOP	Deficit in BOP	Deficit or Surplus in BOP is automatically corrected



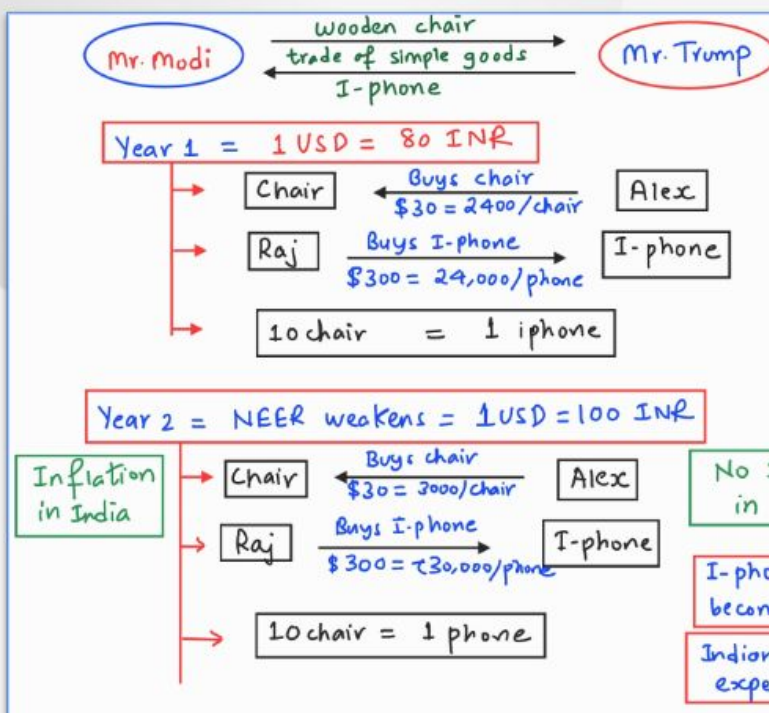
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SYLLABUS: Prelims Economy
Newspaper The Indian Express **Page Number:** 13

Realisation on REER



Realisation on REER



REER = 100 = Currency is at it's long term average

REER > 100 = Currency is Overvalued

REER < 100 = Currency is Undervalued

07th September 2025

SYLLABUS : GS 3 Bio – Technology
Newspaper The Hindu Page Number : SCIENCE

Linkage between RNA & Amino Acids :

Context of the News :

Life depends on a partnership between RNA, which stores instructions, and proteins, which do the work of building and running cells. But how this partnership began has long puzzled scientists. To make a protein, constituent amino acids must be linked in the order encoded by RNA. Today, a complex biological machine called the ribosome handles this task – but only after each amino acid is first “loaded” onto an RNA adapter. The catch

THE ABCs OF DNA: A GLOSSARY

BASE: A biological compound which bonds with another base to help form DNA and RNA

DNA: A molecule that carries the genetic instructions used in the development and functioning of living organisms

DNA SEQUENCE: The specific order of the four bases in a DNA molecule

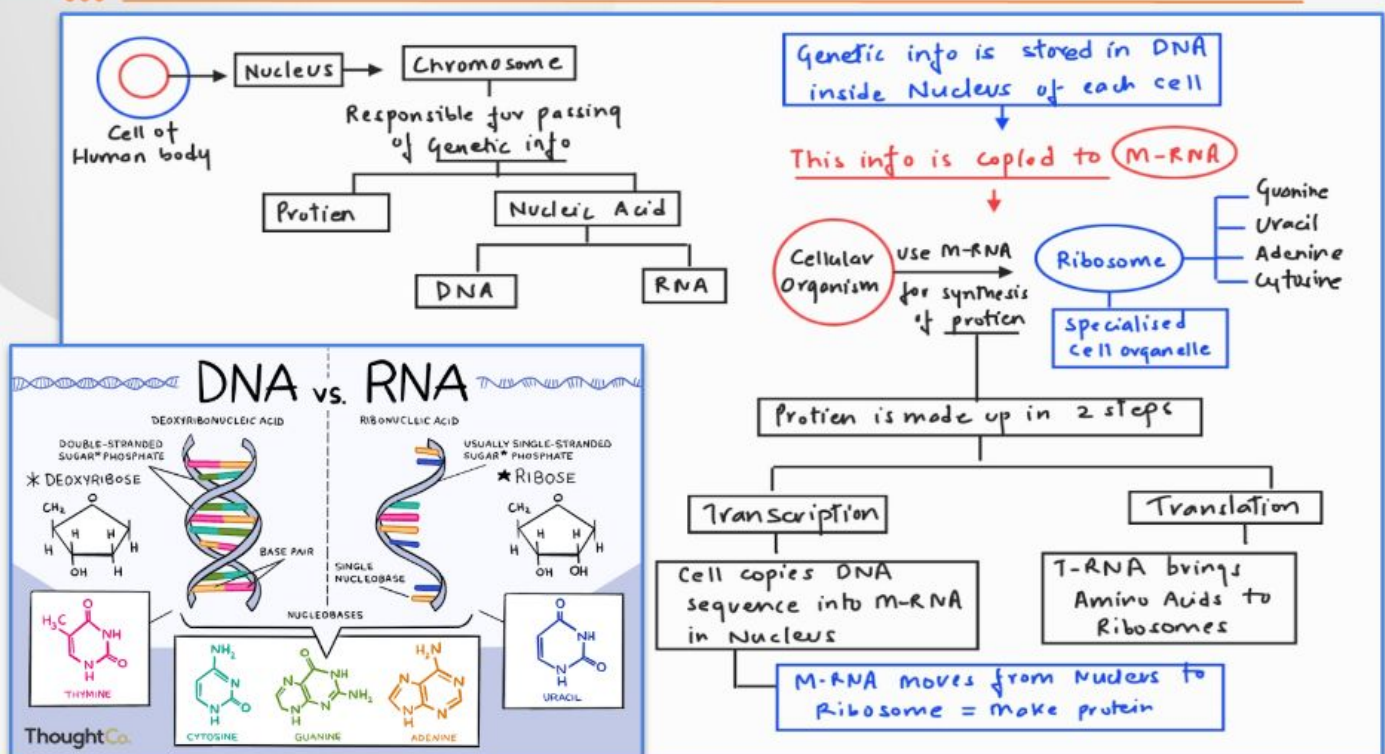
GENOME: An organism's complete set of genetic instructions, encoded in its DNA

RNA: DNA's cousin which makes crucial products such as proteins

Adenine Thymine Guanine Cytosine

◀ DNA is a double-stranded helix

Linkage between RNA & Amino Acids :



07th September 2025

SYLLABUS : GS 3 Bio – Technology
Newspaper The Hindu **Page Number** : SCIENCE

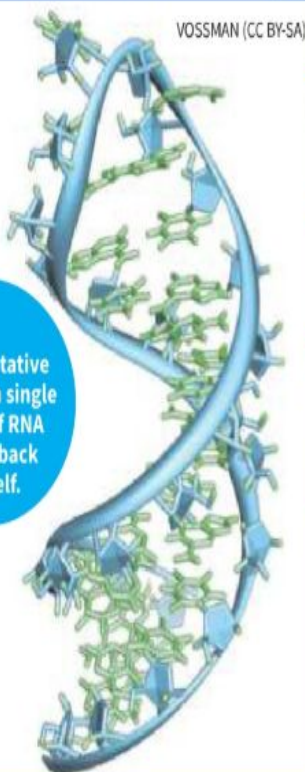
Linkage between RNA & Amino Acids :

Surprise chemistry

Chemistry reveals RNA and amino acids linked directly at life's dawn

- Scientists remain intrigued by how RNA and proteins first partnered to enable life's first cellular processes
- Researchers at University College London have found aminoacyl-thiols can link amino acids to RNA without involving enzymes
- Laboratory experiments showed amino acids attaching directly to RNA in water, resembling plausible early earth conditions
- This chemistry revealed astonishing selectivity, consistently favouring RNA over more reactive molecules, surprising many chemists
- A chemical switch separated RNA-charging from peptide-linking, mimicking distinct sequential stages of modern protein synthesis
- The findings suggest such reactions occurred in primordial ponds or frozen pools, initiating primitive coded peptide synthesis

Representative image of a single strand of RNA folding back on itself.



AlphaFold 3

New AI model developed by Google's Deepmind

Predict structure & interaction of all Life Molecules including DNA

Study RNA Structures for further research on Cellular systems



Tiger Success Story

07th September 2025

SYLLABUS : Prelims Important National Parks
Newspaper The Indian Express **Page Number : 01**

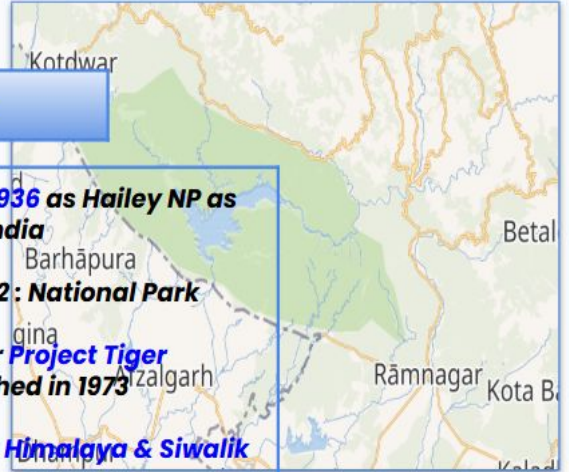
Context of the News :

A SPECIAL annual survey undertaken by the forest department of Uttarakhand to estimate the number of tigers in the Ramnagar division, adjoining Corbett Tiger Reserve, has shown a sharp jump over three years, *The Indian Express* has learnt.

According to a report based on the survey, undertaken by the department's Ramnagar division along with the World Wide Fund for Nature, the number of tigers grew from 67 (as per the All India Tiger Estimation in 2022) to 96 (as of July 2025). The survey report has been submitted to the department, it is learnt.

Jim Corbett NP :

- Established in 1936 as Hailey NP as the First NP in India
- IUCN Category 2: National Park
- First Park under Project Tiger Initiative launched in 1973
- Between Lesser Himalaya & Siwalik Hills
- Moist Deciduous Forest : Sal, Peepal & Mahua tree
- Dun valleys formed by Ramganga river
- Jim Corbett : Man eaters of Kumaon



A chital stag in Jim Corbett National Park



A tusker elephant on the bank of the ramganga river



A tiger walking on the river bed



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SYLLABUS : Prelims Important National Parks
Newspaper The Indian Express Page Number : 01

Decoding the key tiger report



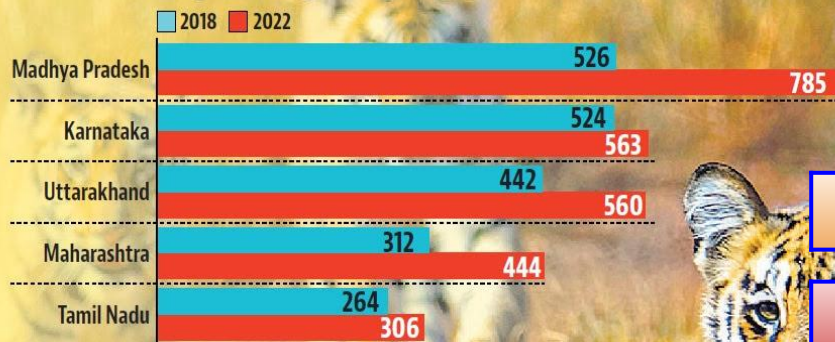
The upper limit of the tiger population is now estimated to be 3,925 and the average number is 3,682

Big cat
numbers in
the country

2,967
2018

3,682
2022

States with highest tiger numbers



IUCN : Endangered

CITES : Appendix 1

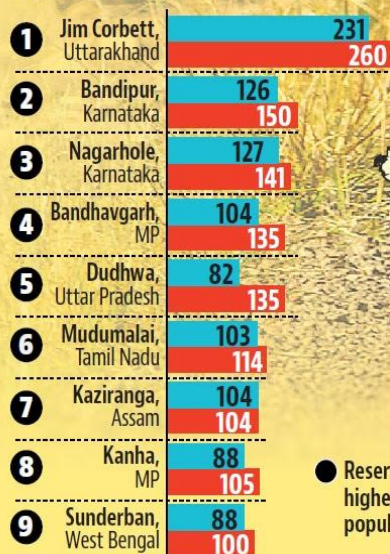
WPA 2023 : Schedule 1

M- Stripes : 3682 Tigers (2022)

States with lowest tiger numbers

	2018	2022		2018	2022
Nagaland	0	0	Jharkhand	3	1
Mizoram	0	0	Goa	3	5
			Arunachal	29	9

Reserves with highest tiger population



● Reserves with highest tiger population

Reserves with no tigers

Dampa, Mizoram, Kamlang, Arunachal Pradesh, Kawal, Telangana, Satkosia, Odisha, Sahyadri, Maharashtra



Flashpoint in Palk Strait

07th September 2025

SYLLABUS : Prelims Important locations in the NEWS
Newspaper The Hindu **Page Number : 12**

Context of the News :

Sri Lankan President Anura Kumara Dissanayake's recent visit to Katchatheevu, said to be the first by a head of state, drew attention on both sides of the Palk Strait.

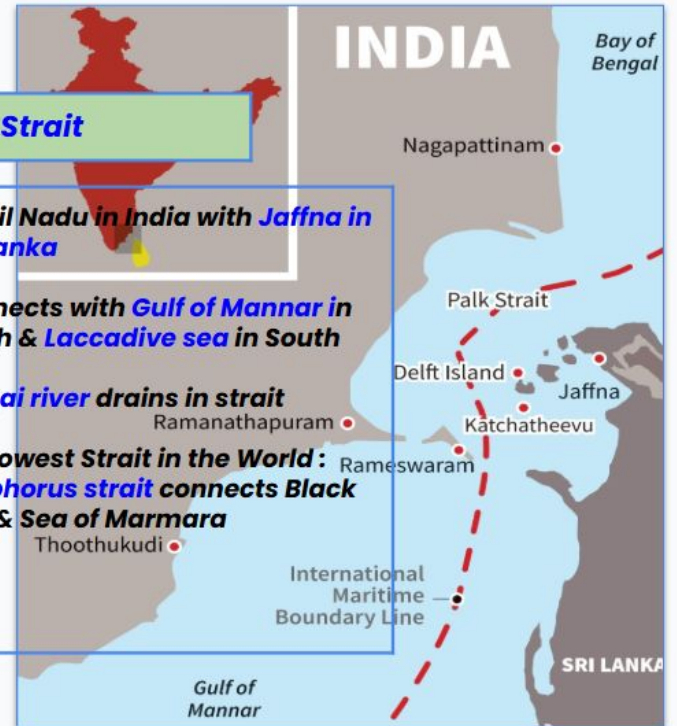
Katchatheevu is a barren island, with no drinking water or sanitation. Every March, Sri Lanka waives visa controls to allow fishermen from India to worship along with their Sri Lankan counterparts at the St. Anthony's festival. Around the annual two-day

Political calculation

Bizarrely, though, half a century since India gave up its claim to Katchatheevu and recognised Sri Lanka's sovereignty over it, politicians in India periodically rake up the issue. The political

Palk Strait

- Tamil Nadu in India with Jaffna in Sri Lanka
- Connects with Gulf of Mannar in North & Laccadive sea in South
- Vaigai river drains in strait
- Narrowest Strait in the World : Bosphorus strait connects Black Sea & Sea of Marmara



07th September 2025

Q1: Consider the following statements regarding Employability in India:

1. According to the India Skills Report 2025, only 54.81% of Indian graduates are considered employable.
2. As per the report female employability is higher than male employability.

Which of the above statements is/are correct?

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

Answer: a

Q2: Consider the following statements regarding the findings of the State of Global Climate Report 2024:

1. The average global temperature has increased by 1.45°C from pre-industrial levels.
2. The projected temperature rise by the end of the 21st century is expected to be around 3.1°C.

Which of the above statements is/are correct?

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

Answer: c

Q3: Consider the following statements regarding the special powers of the Rajya Sabha:

1. Rajya Sabha can initiate the removal of the Vice President under Article 67.
2. Under Article 249, Rajya Sabha can authorise Parliament to make laws on subjects from the State List.
3. Rajya Sabha can authorise the parliament to create new All India Services under Article 312.

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

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

Answer: c

Q4: Consider the following statements :

1. DNA is a molecule that carries genetic instructions essential for the development and functioning of living organisms.
2. The genome refers to an organism's complete set of genetic instructions encoded in its DNA.

Which of the above statements is/are correct?

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

Answer: c

Q5: Consider the following statements regarding Jim Corbett National Park:

1. It was established in 1936 as Hailey National Park — the first National Park in India.
2. Jim Corbett National Park is located across the wide valley of the Bhyundar Ganga..
3. It is known for its tropical evergreen forests dominated by sandalwood and bamboo.

Which of the statements given above is/are correct?

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

Answer: a





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