

# Mains Marathon Compilation

3<sup>rd</sup> Week April, 2024

# Index



Discuss the strategic implications of India's increased engagement in the Arctic region in light of global geopolitical shifts. Analyze how India's Arctic policy could balance its interests with environmental concerns and international cooperation.

**Introduction:** Contextual Introduction

**Body:** Strategic implications of India's engagement in the Arctic and how to balance its interests.

Conclusion: Way forward

India's increased engagement in the Arctic region reflects its growing recognition of the strategic significance of the area amid shifting global geopolitics.

# **Strategic Implications**

- **Reduce Cost:** New Delhi is aware of the potential benefits of utilizing Arctic Sea routes, particularly the Northern Sea Route, for Indian trade. This could lead to cost savings for shipping companies by reducing time, fuel, and security expenses associated with transporting goods.
- **Geopolitical Positioning:** As the Arctic garners increased global attention, competition among major powers such as the US, Russia, and China intensifies. India's presence in the region enables it to participate in shaping governance and development policies, ensuring its voice is heard amidst this competition.
- Scientific Research: Himadri, India's research station in the International Arctic Research Base at Svalbard in Norway serves multiple purposes. It enhances India's scientific capabilities, contributes to global knowledge about climate change and its impacts, and provides valuable insights into the region's environmental dynamics.

# **Balancing Interests**

- Environmental Concerns: India's Arctic policy needs to strike a balance between environmental and economic goals. The loss of ice in the Arctic presents serious ecological problems, making the region extremely vulnerable to climate change. To reduce its ecological imprint in the area, India should place a high priority on environmental conservation and sustainable development methods. This could entail funding conservation initiatives, encouraging ethical resource extraction methods, and investing in sustainable energy technologies.
- **International collaboration**: India's strategy is to cooperate with Arctic nations on green energy and sustainable industries to enhance its responsible stakeholder image. Collaborations with Denmark and Finland focus on waste management, pollution control, renewable energy, and green technology. Partnering with Norway could offer significant benefits, facilitating greater involvement in Arctic Council working groups tackling issues like the blue economy and responsible resource development. Despite interest in Arctic resource exploitation, India must support sustainable extraction practices unequivocally.

# Conclusion

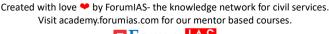
A partnership with Norway is expected to emphasize scientific research and climate/environmental protection, aligning with two pillars of India's Arctic Policy. Economic opportunities in the Arctic remain of interest to India, and collaboration with Norway could aid in crafting a sustainable policy balancing scientific endeavors and industry needs.

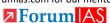
Analyze the potential conflicts between personal data protection and the public interest in the context of journalism. What balance should be struck to protect individual privacy while ensuring transparency and accountability in governance?

**Introduction:** What is the DPDP Act?

**Body**: Highlight potential conflicts that could arise in journalism and how to strike a balance.

Conclusion: Way forward





India introduced its inaugural comprehensive data protection legislation, the Digital Personal Data Protection (DPDP) Act of 2023 which relies on user consent for personal data processing. The law grants fundamental rights like data access and deletion, imposes duties on corporations, and institutes a complaints mechanism for dispute resolution. Nonetheless, the legislation could potentially exert a subtle influence on journalistic freedom of expression.

### **Potential Conflicts**

- **Journalists Depend on Personal Information**: Research frequently entails gathering and utilizing people's personal information, sometimes without their permission. This might include phone calls and bank records. Eg, It would be difficult for journalists to use data about MPs to publish the story as they will have to get MP's consent.
- **Privacy Concerns**: Unrestricted data collecting can result in threats, harassment, and harm to one's reputation. People are entitled to be in charge of their data. DPDP Act empowers the government to call for information from any data processor in India, this may impact the confidentiality that journalists must maintain for their sources and research documents
- **Chilling Effect**: Investigative journalism may be challenging due to stringent data privacy rules. Because of the possibility of legal consequences, journalists may be reluctant to pursue stories.

# **Finding Balance**

- Public Interest Test: Data protection laws should include provisions for a "public interest" test, enabling journalists to utilize personal data when their reporting uncovers misconduct or serves the public good.
- **Robust Ethical Codes**: Journalistic organizations ought to have unambiguous ethical standards for gathering and using data. This guarantees ethical behaviour and safeguards the sources.
- **Informed Consent:** Whenever possible, journalists should seek the informed consent of individuals before publishing personal information about them. This allows individuals to understand how their data will be used and to express any objections.
- **Relevance and Proportionality**: Personal information should only be gathered and shared by journalists when it is directly related to the narrative and well-balanced in terms of importance. Sensationalism and needless prying into people's personal lives should be avoided.

# Conclusion

In the end, careful evaluation of ethical, legal, and professional norms is necessary to strike a balance between the protection of personal data and the public interest. Journalists are essential to maintaining accountability and openness in government, but they have a responsibility to do so responsibly, upholding people's right to privacy while carrying out their public informational mandate.

Examine the challenges faced by consumers with disabilities in accessing goods and services in India. What legal and policy measures are necessary to address these challenges effectively?

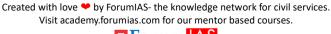
**Introduction**: Contextual introduction

**Body:** Highlight the challenges faced by consumers and legal, and policy measures to address them.

**Conclusion:** Way forward

Consumers with disabilities in India often face significant challenges in accessing goods and services, primarily due to physical, infrastructural, and attitudinal barriers.

Challenges Faced by Consumers with Disabilities in India





- Physical barriers such as the absence of ramps, elevators, and accessible restrooms in buildings, stores, and public transportation systems hinder the independent movement and navigation of individuals with disabilities.
- Attitudinal barriers stemming from a lack of awareness and misconceptions about disabilities can
  result in discriminatory treatment by businesses. Insufficient training of staff members in
  interacting sensitively with customers with disabilities exacerbates this issue.
- Inaccessible information, including websites, product packaging, and signage, poses challenges for
  individuals with visual or cognitive impairments in understanding product details, navigating
  online platforms, and making informed decisions.
- Although the Rights of Persons with Disabilities Act, 2016 (RPWD Act) mandates accessibility standards, the lack of robust enforcement mechanisms often leads to businesses neglecting to implement necessary accessibility features.

### Legal and policy measures to address these challenges

- Accessible Information and Communication: Ensuring that information about goods and services is available in accessible formats such as Braille, large print, and accessible digital formats, and providing sign language interpretation and other communication support services where needed. For eg, the recent FSSAI policy to all food business operators to incorporate QR codes containing product information on all food products.
- Safeguard rights of the disabled: The primary legislation <u>Rights of Persons with Disabilities</u> <u>Act (RPWDA), 2016</u>, is crucial in this regard. The violation of rights particularly about accessibility and equality can be resolved through complaint with the Disability Commissions established under the Act.
- Strong enforcement and compliance mechanisms: The <u>Consumer Protection Act (CPA), 2019</u> empowers consumers and provides for setting up Consumer Commissions to impose penalties and award compensation against consumer complaints.
- Awareness campaign: There is an urgent need to raise awareness about the existing rights and
  resources available to consumers with disabilities particularly for programs like <u>Jago Grahak Jago</u>
  Campaign & World Consumer Rights Day on March 15.

### Conclusion

It's crucial to establish a partnership between businesses and the government, underpinned by a strong legal framework, to ensure the effective protection of the rights of consumers with disabilities. This collaboration is essential to provide them with equal opportunities to engage in the marketplace and society.

Assess the strategic significance of allowing Foreign Institutional Investors (FIIs) to invest in Sovereign Green Bonds (SGrBs) in terms of advancing India's green economy objectives.

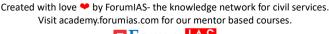
**Introduction:** What are Sovereign Green Bonds?

Body: Highlight the significance of these bonds in advancing India's green economy objectives.

**Conclusion:** Way forward

SGrBs are a kind of government debt that specifically funds projects attempting to accelerate India's transition to a low-carbon economy. Recently, RBI greenlighted investments in the country's Sovereign Green Bonds (SGrBs) by Foreign Institutional Investors (FIIS) — investors such as insurance companies, pension funds, and nation-states' sovereign wealth funds.

Strategic Significance of FIIs in India's Sovereign Green Bonds (SGrBs)





- Reduce Carbon footprint: Enabling Foreign Institutional Investors (FIIs) to invest in India's green projects expands the capital base available to support the country's ambitious 2070 net zero goals, aiming to achieve 50% of India's energy from non-fossil fuel sources and reduce the carbon intensity of the nation's economy by 45%, as committed by India at COP26 in Glasgow 2021.
- Global Recognition: Participation of FIIs in SGrBs raises India's profile as a leader in the green bond market. This can attract further investments from environmentally conscious investors, showcasing India's commitment to a sustainable future.
- Benchmarking & Standards: Engaging internationally can promote the adoption of best practices in green bond issuance, with Foreign Institutional Investors (FIIs) potentially requiring compliance with global environmental, social, and governance (ESG) standards. This could result in a stronger green bond framework in India.
- **Increasing Green Investments**: FII participation in SGrBs can spur increased green investment in several areas, such as waste management, sustainable agriculture, clean transportation, and renewable energy. This capital inflow has the potential to quicken India's economic transformation to one that is robust and sustainable.
- Technology Transfer and Expertise: FIIs frequently provide knowledge and experience in sustainable investments and green financing. By taking part in SGrBs, FIIs may promote best practices, knowledge sharing, and technology transfer, all of which can improve the efficacy and efficiency of green projects in India.
- Market Deepening and Liquidity: FII participation can increase the overall size and liquidity of the Indian green bond market. This can attract other domestic and international investors, creating a more vibrant market for green financing.

### Conclusion

The recently released India's first SGrB Framework detailing the kind of projects that would receive funding through this class of G-Secs & government's decision to issue SGrBs to accelerate funding government projects such as harnessing offshore wind, grid-scale solar power production, or encouraging the transition to battery operated Electric Vehicles (EVs) are a step in the right direction.

# Analyze the role of Centre-State relations in the effective implementation of national health projects like the Pradhan Mantri Swasthya Suraksha Yojana (PMSSY).

**Introduction:** Contextual Introduction

**Body:** Highlight the role of the Centre-State in the effective implementation of PMSSY

Conclusion: Way forward

The Pradhan Mantri Swasthya Suraksha Yojana (PMSSY) was introduced in 2003 by the Ministry of Health and Family Welfare. It aimed to address regional disparities in the accessibility of affordable and dependable tertiary healthcare services while also enhancing infrastructure for high-quality medical education nationwide.

# Role of Centre-State relations in the effective implementation of PMSSY

- Policy Formulation and Planning: The central government spearheads the formulation of policies and planning for national health projects like PMSSY. However, successful implementation necessitates collaboration and input from state governments to ensure alignment with local healthcare needs and priorities. Centre-State coordination plays a crucial role in the initial stages of designing projects that address regional disparities and caters to diverse healthcare requirements across states.
- Resource Allocation and Funding: While the central government provides substantial funding for national health projects, including PMSSY, state governments also contribute through budget allocations. Centre-State cooperation is essential to ensure the equitable distribution of resources





and optimal utilization of funds. Clear communication and mutual agreement on resource allocation help prevent disparities in healthcare infrastructure and services between states.

- **Infrastructure Development**: PMSSY aims to bolster healthcare infrastructure by establishing new medical colleges, upgrading existing institutions, and enhancing tertiary care facilities. Collaboration between the Centre and states is vital in identifying suitable locations for new institutions, acquiring land, and coordinating construction activities. Effective Centre-State relations facilitate the timely completion of infrastructure projects, ensuring that healthcare services reach underserved areas.
- Human Resource Management: Training and deploying healthcare professionals are pivotal to the success of PMSSY and other national health initiatives. While the central government oversees policy frameworks and guidelines for human resource management, state governments are responsible for the recruitment, training, and deployment of healthcare personnel. Collaboration between the Centre and states is crucial to address staffing shortages, improve workforce skills, and ensure adequate staffing levels at healthcare facilities.
- Monitoring and Evaluation: Regular monitoring and evaluation are indispensable to assess the impact and effectiveness of PMSSY in improving healthcare delivery. Centre-State cooperation is necessary for data collection, reporting, and performance evaluation. Collaborative efforts help identify challenges, address bottlenecks, and make necessary adjustments to project implementation strategies.

### Conclusion

The effectiveness of PMSSY hinges on a robust collaboration between the Centre and States. Clear communication, delineated responsibilities, and a focus on sustainable outcomes are pivotal for realizing the project's goal of enhancing nationwide access to high-quality healthcare.

Critically assess the implementation of heat action plans in India, with a focus on their limitations and the inconsistencies in vulnerability assessments across different regions. Suggest measures for more effective planning and execution.

**Introduction:** Define heatwave.

**Body:** Highlight challenges in the implementation of HAPs and measures to improve them.

Conclusion: Way forward

As per the IMD, a heatwave is declared if temperatures hit 40°C or higher in the plains, 37°C or higher on the coast, and 30°C or higher in the hills. With heatwaves becoming more frequent and severe, governments at all levels have developed heat action plans (HAPs) to prepare for and mitigate their impact.

# Limitations and Inconsistencies in Implementation

- **Vulnerable Population**: While all HAPs prioritize safeguarding vulnerable populations like lowincome communities, children, and the elderly, there's a lack of tailored interventions considering local social and demographic factors. Over 90% of India's economy is informal, evident in occupations like pushcart vendors, chaiwalas, household help, and sanitation workers.
- Limited Finance: Successful implementation of HAP is further constrained due to priorities based on the preferences of local authorities and the resources at their disposal. HAPs are often underfunded, hindering public awareness campaigns, the establishment of cooling centers, and infrastructure upgrades.
- Lack of Local Context: Most plans rely on national heatwave thresholds, neglecting regional variations in vulnerability. Dry heat isn't the only concern - plans often miss threats from humid heat and warm nights.
- Flawed Vulnerability Assessments: Many HAPs poorly identify vulnerable populations like outdoor workers, the elderly, and those in informal settlements. This leads to inadequate targeted interventions.





### Measures for more effective planning and execution

- **Localized Definitions**: Develop localized definitions of heatwaves, accounting for factors such as urban heat islands, humidity levels, and community vulnerability. This ensures that thresholds are tailored to the specific climate and demographic characteristics of each region.
- **Standardized Assessments**: Implement standardized climate risk assessments and hotspot mapping techniques across all HAPs. This enables consistent identification of high-risk areas and populations, facilitating targeted interventions and resource allocation.
- Targeted Interventions: Design targeted interventions that address the unique needs of vulnerable populations, including low-income communities, children, and the elderly. Consideration should be given to the socio-economic factors that influence vulnerability, such as access to cooling shelters and healthcare services.
- **Budget Allocation**: Allocate dedicated funding for HAPs at the state and local levels to ensure sustained implementation and effective response during heat waves. Additionally, establish mechanisms for financial support to informal workers, enabling them to seek refuge indoors without risking loss of income.
- **Integration with Resilience Plans**: Integrate HAPs into broader urban resilience plans to leverage existing resources and infrastructure. This promotes synergy between climate adaptation efforts and heatwave preparedness, enhancing overall community resilience to extreme weather events.
- **Nature-based Solutions**: Prioritize the integration of nature-based solutions, such as green and blue spaces, into HAPs. These solutions help mitigate heat stress by providing cooling effects and improving air quality, thereby enhancing the resilience of urban areas to heat waves.

### Conclusion

Addressing these challenges and implementing the proposed measures will bolster India's Heat Action Plans, enhancing their efficacy in safeguarding lives and public health during episodes of extreme heat.

Examine how India's demographic dividend can be a pivotal factor in its economic transformation. Discuss the challenges posed by the current employment landscape for the youth.

**Introduction:** Contextual Introduction

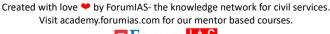
**Body:** Importance of demographic dividend and challenges posed by current employment landscape.

Conclusion: Way forward

India possesses a distinctive demographic advantage: a significant and youthful working-age population. Termed the demographic dividend, this phenomenon offers a golden opportunity for the nation's economic metamorphosis.

# India's Demographic Dividend: A Potential Engine for Economic Growth

- Large Workforce: Young people make up a sizable share of India's enormous workforce. Economic
  growth can be stimulated by this demographic profile through increased labour supply,
  productivity, and innovation.
- **Growth in spending:** Due to the huge number of young people, there is an increase in spending, particularly in the retail, technology, and entertainment industries. As a result, there is a demand for goods and services, which boosts the economy and promotes industry expansion.
- **Innovation and Entrepreneurship:** Higher levels of innovation and entrepreneurship are frequently associated with younger generations. With the right education and skills, India's youth can lead innovation and start new companies, which will increase economic diversity and make the country competitive internationally.





• **Global Workforce:** Given the increasing need for Indian specialists in fields like information technology, the country's youthful population can likewise act as a global workforce. This can generate foreign exchange profits and support growth in the economy.

# **Challenges in Employment Landscape**

- **Mismatch in Skills**: Academic credentials frequently don't match industry demands. Due to a lack of specialized skills, many graduates experience underemployment and unemployment.
- **Informal Sector:** With poor pay and little job security, the informal sector employs a sizable section of India's labour force. This restricts the population bulge's capacity for total economic growth.
- **Limited Job Creation:** To accommodate the expanding youth population, the Indian economy must generate a sufficient number of jobs. Failing to do so can impede economic growth and cause social instability.
- Gender Parity: A notable underutilization of human resources is the low rate of female labour force participation. Lack of infrastructure and cultural norms can deter women from entering the workforce.

### Conclusion

The demographic dividend in India is a potent instrument for changing the country's economy. But to fully take advantage of this chance, the public and private sectors must work together to close skill gaps, encourage workforce formalization, and establish an atmosphere that attracts investment and creates jobs.

Evaluate the effectiveness of India's counter-insurgency strategies against Maoist rebels. Discuss the role of military tactics and welfare measures in mitigating the influence of Maoist ideology among tribal populations.

**Introduction:** Contextual Introduction

**Body:** Role of military tactics, welfare measures, and mitigating factors to curb Maoist influence.

**Conclusion:** Way forward

India has faced a longstanding challenge with Maoist insurgency, particularly in regions with significant tribal populations like Chhattisgarh, Jharkhand, and Odisha. The government employs a multi-pronged approach with varying degrees of effectiveness.

# Military Tactics

- To counter Maoist militants, India has used a range of military strategies, including massive paramilitary operations such as Operation Green Hunt and tactical deployments of central armed police units such as the Central Reserve Police Force (CRPF). The objectives of these operations have been to cut off the Maoist leadership's supplies, seize government authority over the impacted regions, and neutralize their leadership.
- Military operations against Maoist rebels have had some success in eliminating key leaders and disrupting their networks. However, they've drawn criticism for collateral damage, human rights abuses, and alienating locals, potentially driving them closer to the Maoists if they see government forces as oppressors.

# **Welfare Measures**

- Initiatives such as "<u>SAMADHAN</u>" focus on enhancing infrastructure, healthcare, and education in regions impacted by Maoist insurgency, aiming to alleviate the feelings of marginalization that contribute to the conflict.
- Offering incentives for Maoist fighters to lay down arms can weaken their ranks and disrupt their operations.



• Corruption and bureaucratic hurdles can hinder the reach and effectiveness of welfare programs.

# Mitigating the influencing of Maoist ideology

- Efficient Welfare Measures: The Maoist narrative of state indifference can be challenged by wellexecuted initiatives that enhance the lives of indigenous tribes.
- **Emphasis on Education**: Education can fight the Maoist philosophy and empower tribal youth. Additionally, it can give them the tools they need to locate greater possibilities outside of the insurgency.
- **Taking Care of Land Issues:** One of the main grievances that Maoists exploit is historical land dispossession. Regaining support and trust can be aided by addressing land rights.

# Conclusion

India's counter-insurgency strategy requires a delicate balance between security measures and social development. While military tactics are necessary to contain the violence, long-term success hinges on addressing the root causes of the insurgency, efforts of civil society and peace activists to initiate ceasefire talks between the Maoists and the security forces, and offering a better alternative to the Maoist ideology.

Evaluate the potential impacts of the 'Aadharshila' curriculum on the holistic development of children in the early childhood phase in anganwadis. Discuss the curriculum's alignment with the National Education Policy 2020 and its potential to address foundational literacy and numeracy gaps.

Introduction: Describe the newly named "Aadharshila" curriculum.

**Body:** Impact of curriculum on development of children and its alignment with NEP.

Conclusion: Way forward

The <u>Ministry of Women and Child Development (MWCD)</u> has unveiled the National Curriculum for Early Childhood Care and Education 2024, named <u>'Aadharshila'</u>, following the guidelines of the National Education Policy 2020 and the National Curriculum Framework. Aadharshila, which translates to <u>'foundation stone'</u>, is a comprehensive curriculum spanning 48 weeks, designed for children aged three to six years attending anganwadis.

# **Impacts on Holistic Development**

- **Play-based Learning**: Aadharshila underscores the significance of learning through play, which is pivotal for fostering cognitive, social, emotional, and physical development during early childhood.
- **Holistic Approach**: By incorporating physical activities, artistic expression, and socio-emotional learning, Aadharshila has the potential to cultivate individuals with well-rounded development.
- **Foundational Development**: The curriculum aims to introduce children to fundamental language, numeracy, and life skills, laying a robust groundwork for future learning endeavors.

### **Alignment with NEP 2020**

- **Emphasis on Play**: Aadharshila's adoption of a play-based approach is in accordance with NEP 2020's stress on learning through hands-on activities and exploration.
- Mother Tongue Instruction: NEP 2020 advocates for instruction in the mother tongue.
   Aadharshila can be customized to integrate local languages, enhancing comprehension and engagement among learners.
- Teacher Training: Successful execution necessitates adequately trained anganwadi workers. NEP 2020 underscores the importance of teacher training, which is instrumental for the effective implementation of Aadharshila.

# **Addressing Foundational Literacy and Numeracy Gaps**



- Early Exposure: Aadharshila's emphasis on language and numeracy within a playful context can serve to narrow foundational literacy and numeracy gaps by acquainting children with these concepts prior to formal schooling.
- Engaging Learning Activities: Through activities such as counting games and rhymes, Aadharshila fosters enjoyable and interactive learning experiences, enhancing retention and alleviating anxieties associated with foundational literacy and numeracy.
- Enhanced Parental Engagement: The curriculum can promote increased parental involvement in their children's learning at home, thereby reinforcing foundational literacy and numeracy skills.

### Conclusion

For the first time, the Union government has introduced such curriculum recommended for children aged three to six, boosting pre-school education in India's 14 lakh anganwadis. These anganwadis, will serve as vital centers in villages, catering to the health and nutrition requirements of pregnant mothers and children.

Discuss the strategic significance of increasing government expenditure on research and development to at least 4% of GDP, as envisaged by the scientific community. Analyze the potential impacts of such an increase on India's innovation ecosystem.

**Introduction:** Context introduction

**Body:** Highlight significance of increasing government expenditure and impact of such increase.

Conclusion: Way forward

The scientific community's call for increasing government expenditure on Research and Development (R&D) to 4% of GDP holds significant strategic importance for India.

# **Strategic Significance**

- Economic Growth: Elevated R&D expenditure often triggers technological breakthroughs, propelling innovation and economic expansion. These advancements can spawn new industries, enhance existing ones, and elevate overall productivity.
- National Security: Robust R&D capabilities are indispensable for crafting cutting-edge defense technologies, safeguarding national security amidst evolving global complexities.
- Global Competitiveness: Heightened investment can bolster India's competitiveness vis-à-vis nations with substantial R&D allocations. This is particularly critical in domains like artificial intelligence, renewable energy, and biotechnology.
- **Public Health:** R&D plays a pivotal role in developing novel pharmaceuticals, medical devices, and healthcare solutions, thereby ameliorating public health outcomes.
- Social Development: R&D investments hold the key to pioneering innovations in sectors such as agriculture, water management, and sanitation, crucial for addressing pressing societal challenges.

# **Potential Impacts on India's Innovation Ecosystem**

- **Increased Innovation**: Augmented R&D funding can catalyze innovation by financing research endeavors, attracting skilled talent, and fostering a conducive environment for startups and entrepreneurs.
- Enhanced Research Infrastructure: Expanded funds can be earmarked for modernizing research facilities, laboratories, and academic institutions, cultivating a world-class research infrastructure.
- Improved Collaboration: Heightened funding can facilitate collaborations among universities, research institutions, and private enterprises, expediting the pace of innovation.
- **Development of Skilled Workforce**: R&D investments can usher in new employment prospects for scientists, engineers, and other skilled professionals, fortifying the talent pool within the innovation ecosystem.





• **Global Recognition**: Elevated R&D outputs can bolster India's standing as a premier global innovation center, enticing foreign investments and fostering international partnerships.

# Conclusion

Increasing government R&D investment to 4% of GDP could be a game-changer for India, driving economic growth, technological leadership, and social advancement. However, careful planning, efficient allocation, and focus on translational research are crucial for maximizing impact.



