

IAS 2024
Prelims Exam

IMPORTANT TOPICS

Part 1 - Revise 280 Topics



PART 1 - EVENTS IN 2023

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Coming Soon: Part 2 & 3 - Events in 2024

1. Indian Economy – Important Topics

1. Missions & Schemes

1. 1st Cannabis Research Project in India – CSIR
2. 5years of Ayushman Bharat
3. PRAYAS scheme
4. Indian Forest and Wood Certification Scheme
5. PM Vishwakarma Scheme
6. India Semiconductor Mission
7. e-Shram
8. New Soil Health Card Scheme
9. PM Kisan Samman Nidhi
10. Dams & National Hydrology Project
11. Gram Manchitra
12. AGNI - AYUSH initiative
13. PM-JANMAN
14. Nikshay Poshan Yojana
15. Scheme for Viability Gap Funding - Battery Energy Storage Systems
16. India's 50-year Government Bond and 30-year Green Bond
17. First Insurance Surety Bond
18. Green Voyage2050 Project
19. SEZ (5th Amendment Rule) 2023

2. General Economy

1. Debt servicing
2. Government Securities
3. Inverted tax structure
4. National Insurance Academy
5. ICT Tariff Issue – WTO
6. RuPay Domestic Card Scheme
7. Greenflation
8. 50th GST Council Meeting
9. Stagflation
10. Remittance Flow – slow growth
11. Urban Infrastructure Development Fund
12. Semiconductor fab, Greenfield fab
13. Workers productivity vs Labour Productivity

3. Agriculture

1. Crops in news
 - Copra, Jute, Millets - Finger millets, Meghalaya's Pineapple
2. CSIR Prima ET11, 1st indigenous e-Tractor
- 3, Green Leaf Volatiles

2. Environment – Important Topics

1. Terms

- Red tide
- Polar amplification
- Carbon storage
- Biochemical Oxygen Demand
- Green Hydrogen – definition
- Press mud

2. Species in News

- Project Nilgiri Tahr
- Melanistic Tigers
- River Dolphins
- Namadapa Flying Squirrel
- Camelids
- Seaweeds
- Gambusia Fish
- Project Cheetah – one year
- Caracals - Wild Cats
- Operation "Kachchhap" – Ganges Turtles
- Black Spotted Crocker
- Picocystis Salinarum
- Census: Rhino, Tiger, Snow Leopard, Vultures

3. Protected Areas in news

- Neora Valley National Park
- Banni Grassland

4. Legislations

- Biological Diversity (Amendment) Bill
- Forest Conservation Act
- Wildlife Protection Amendment Act

5. Antarctica's New Ozone Hole

6. Green Credit & Ecomark scheme

7. Biomass co-firing

8. Ice sheets in West Antarctica

9. Coastal Erosion in India

10. Minerals limit in Water – Nitrates, Arsenic, Iron, Fluoride

11. Single Use Plastics - UNEP, Stockholm & Basel Conventions

12. Project Devika - North India's first River Rejuvenation

13. National Carbon registry

14. TN's 1st AI based Early Warning - Elephants

15. Indian Forest and wood certificate

16. Montreal Protocol - India surpassed

3. International Affairs – Important Topics

1. Summits & Conferences

1. Bletchley Declaration - AI Safety summit, 2023
2. Global Partnership on Artificial Intelligence summit
3. Africa Climate Summit
4. Climate Ambition Summit
5. Global Maritime India Summit, 2023
6. UNFCCC's COP 28, Dubai
7. SBSTTA-25
8. 15th BRICS Summit
9. ASEAN - India summit
10. G20 18th Summit 2023
11. ASEAN Defence Minister's Meeting - Plus
12. APEC 30th Meet
13. C+C5 Summit
14. 1st Global Food Regulators Summit 2023
15. 1st WHO Traditional Medicine Global Summit 2023
16. 1st Global Conference on Cooperation in Enforcement Matters
17. 1st Global Symposium on Farmers' Rights in New Delhi
18. 10 years of Minamata Convention

3. International Affairs – Important Topics

2. Institutions

1. L.69 group of countries
2. International Maritime Organisation
3. Codex Alimentarius Commission
4. International Criminal Police Organisation
5. Shanghai Cooperation Organisation – Iran
6. Champions Group of the Global Crisis Response Group
7. UN Human Rights Council
8. International Sugar Organisation – India chairs
9. UN Forum on Forests
10. International Court of Arbitration – 100 years
11. International Tropical Timber Organization

3. Bilateral Relations

1. India-France Strategic Partnership – 25 years
2. India and Argentina
3. India - Tanzania Relations
4. India - Japan Semiconductor Supply chain partnership
5. Operation Ganga
6. Operation Ajay
7. First International Cruise Vessel from Chennai to Sri Lanka
8. IIT Madras in Zanzibar – 1st outside India

3. International Affairs – Important Topics

4. Initiatives

1. Global Biofuels Alliance
2. UN Global Framework on Chemicals
3. Coral Reef Breakthrough
4. Global Declaration for River Dolphins
5. International Solar Alliance
6. CCUS Policy Framework
7. Global River Cities Alliance
8. Black Sea Grain Deal
9. India - Middle East - Europe - Mega Economic Corridor
10. Abraham Accord
11. India- Bangladesh Project
12. Treaty on Conventional Armed Forces in Europe
13. Indo-Pacific Economic Framework for Prosperity
14. Comprehensive and Progressive Agreement for Trans-Pacific Partnership
15. G20-Digital Innovation Alliance
16. Partnership for Global Infrastructure Investment
17. India-Saudi Arabia Strategic Partnership Council
18. Global Digital Public Infrastructure and Social Impact Fund
19. UN convention for International Tax Cooperation
20. Global Initiative on Digital Health
21. Global Biodiversity Framework Fund

3. International Affairs – Important Topics

5. International Disputes

1. Essequibo region Guyana–Venezuela crisis
2. Azerbaijan Crisis - Nagorno-Karabakh
3. South China Sea's Scarborough Shoal
4. Red Sea crisis – Houthi
5. Moldovan protests
6. Sudan- Yarmouk airstrike
7. Argentina - Jujuy protests
8. Nepalese pro-monarchy protest

6. Other Developments

1. UNTOC - 20th Anniversary
2. BRI - 10th Anniversary
3. Universal Declaration of Human rights - 75th anniversary
4. 19th ASIAN GAMES, Hangzhou
5. United Nations Convention against Corruption

4. Polity, Bills and Acts – Important Topics

1. Articles in news
 - Art 370
 - Art 356
 - Art 29,30
 - Art 44
2. Rights in news
 - Sedition
 - Right to Silence - Article 20(3)
 - Right to Abortion Vs Right of Fetus
 - Right to contest in Election
3. Important Judgements
 - Same Sex Marriage
 - Lily Thomas v Union of India
4. Powers of Governor & Issues
 - Floor test
 - Assent to Bills – recent Court observations
 - 1st Address in State Legislature
 - Doctrine of Pleasure on Ministers
5. No Confidence Motion
6. Special session of Parliament
7. Caste Survey in Bihar
8. 16th Finance Commission
9. Tribunals - Powers
10. Special Category Status - Bihar
11. Election Commission of India – Amendments
12. Child marriage
13. Lok Adalats
14. Uniform Civil Code
15. Criminal antecedence of candidates
16. Minority status to Dali Christians
17. Directorate of Enforcement - Chief tenure extension
18. National Judicial Data Grid
19. Money bill vs Financial bill
20. Citizenship
21. Disqualification of MP under RPA
22. Privilege Committee & Ethics Committee
23. Chief Information Commissioner
24. Delimitation Commission
25. Reorganisation within State
26. Pro Bono Legal services Scheme
27. Electoral Trusts Scheme

4. Polity, Bills and Acts – Important Topics

Bills and Acts in News

1. Women's Reservation Bill, 2023
2. Mines and Minerals (Development and Regulation) Amendment Act, 2023
3. Digital Personal Data Protection Act, 2023
4. Draft Broadcasting Regulation Bill, 2023
5. Protection of Women from Sexual Harassment Act, 2013 – 10th anniversary
6. Digital India Act, 2023 and Digital Personal Data Protection Bill, 2023
7. Jan Vishwas Act, 2022
8. Offshore Areas Mineral (Development & Regulation) Amendment Bill, 2023
9. Government of National Capital Territory of Delhi (Amendment) Bill, 2023
10. Mediation Act, 2023
11. National Pharmacy Commission Bill
12. Pharmacy Act, 2023
13. Inter-State Service Organisation Bill, 2023
14. Dam Safety Act
15. Telecom Bill
16. National Research Foundation Bill
17. Criminal Procedure Identification Act, DNA and Face Matching
18. Multi-State Cooperative Societies (Amendment) Bill
19. Replacement Acts
 - Bharatiya Nyaya (Second) Sanhita, 2023 (Indian Penal Code)
 - Bharatiya Sakshya (Second) Bill, 2023 (Indian Evidence Act)
 - Bharatiya Nagarik Suraksha (Second) Sanhita, 2023 (Code of Criminal Procedure)

5. Geography – Important Topics

1. Terms
 - Polar Stratospheric Clouds
 - Ionosphere
 - Antarctic Circumpolar Current
 - Polar nights
 - Deep sea mining
 - E-Prime Layer
 - Phreatomagmatic eruptions
2. Concepts
 - Oceanic - Atmosphere Phenomenon (El Nino, IOD, MJO)
 - Glacier Lake Outburst Flood
 - Cloud Burst & Flash floods
3. Regional Rapid Transit System
4. Ocean Temperature
5. Northern Sea Route
6. Rice cultivation – 400 lakh ha
7. Circular Migration
8. Mission Antarctica
9. Islands in News - Orkney Islands
10. Rivers in News
 - River Dnipro - Nova Kakhovka Dam
 - Kadalundi River
11. Tribes in news
 - Koya – Odisha
 - Hakki Pikki – Karnataka
 - Baiga – MP, CG
12. Mountains
 - Hindukush
 - Mt Rhenock in Sikkim
 - Mount Vinson Peak in Antarctica
13. Minerals & Metals in news
 - Tantalum
 - Flyash
 - Gold Mine in Mount Celia
 - Lithium deposits – J&K
 - Lignite – TN largest producer
 - Thirty Critical Minerals
 - Vanadium
14. Disasters
 - Michaung Cyclone
 - Turkey Earthquake
 - Iceland Volcanic eruption

6. History – Important Topics

1. Indian Art in News

- Garba

2. Personalities in News

- Ramalinga Adigalar (1823 - 1874) - 200th Anniversary
- Taraknath Das
- Madan Mohan Malaviya
- Baba Raghav Das
- Savitribhai Phule
- Sir Syed Ahmed Khan - 125th death anniversary
- Rani Durgavati - 500th birth anniversary
- Saint Meera Bai - 525th Birth Anniversary
- Madan Mohan Malaviya - works

3. Temples in News

- Konark Sun Temple
- Chausath Yogini temple
- Sacred Ensembles of Hoysalas

4. Historical Sites in News

- Santiniketan
- Sindhudurg Fort

5. UNESCO Creative City Network

6. 1st Indian Art, Architecture & Design Biennale 2023

7. Gandhiji's Satyagraha - 130th Year

8. Rampa rebellion – 100th year

9. Abolishment of slavery in Dutch colonies – 100 years

10. Mylara Cult – Karnataka

11. Operation Polo – 75 years

12. Kargil War – 25th anniversary

7. National Affairs – Important Topics

1. Dr.M.S.Swaminathan - Green revolution
2. NIA -15th year
3. BSF Jurisdiction
4. Gujarat's Dhordo – Best Tourism
5. Agartala-Akhaura railway projects
6. Press Information Bureau – 100th year
7. Regulations of Drug in India, Central Drug Standard Control Organisation
8. National Action Plan for Drug Demand Reduction
9. Vande Bharat Trains
10. India's First Lighthouse Festival – Goa
11. First ever National Protocol for Management of Malnutrition in Children
12. National Turmeric Board
13. 1st ever Khelo India Para Games
14. International Cruise in India - Costa Serena
15. Silkyara Bend-Barkot Tunnel

8. Science & Technology – Important Topics

1. ICT – Digital Technology

1. Quantum Engine
2. Optical Fibres
3. Xenobots
4. Graphene
5. Deep Fake

2. Nuclear Technology

6. Kakrapar Nuclear Power Plant
7. High Temperature Nuclear Reactors
8. Fusion Reactors - JT-60SA
9. Small Modular Reactors

3. Biotechnology

10. Funga
11. Synthetic Human Embryo
12. Haemoglobin Bodies
13. DNA & Face Matching System
14. Casgevy Therapy
15. India's 1st CAR-T Cell therapy
16. Bioremediation - Oilivorous-S
17. Biosimilar drug Vs Biologic drug
18. Gene Drive technology

19. Y Chromosomes
20. India's first mRNA vaccine
21. Genetic Drift – Founder effect, Bottleneck effect
22. DNA Methylation
23. 1st -Bone Marrow Transplantation

4. Space Technology

23. Space terms in news
 - Magnetars
 - Sub-Neptunes
 - Z Boson
 - Einstein Cross
 - Atmospheric Gravity Waves
 - Amaterasu
25. Artemis Accords
26. Oldest Black Hole
27. NAVIC Intergration in Smartphones
28. International space station - 25 yr
29. Kulasekarapattinam – Space Port
30. China's Near Space Command
31. Ladakh - South East Asia's first Night Sky Sanctuary

8. Science & Technology – Important Topics

4. Space Technology

32. Missions / Satellites / Launches / Projects

- Chandrayaan Mission
- Aditya L1 Mission
- Atmospheric Waves Experiment - NASA
- TEMPO satellite
- Laser Interferometer Gravitational Wave Observatory Project
- PACE Mission
- James Webb Space Telescope – Carbon discovery in space, Teenage Galaxies, Chemical DNA
- India's first sounding rocket – 60th anniversary

5. Defence Technology

33. Indian Navy Vessels in News

- INS Imphal
- INS Kirpan
- INS Vagir
- Neerakshi - autonomous underwater vehicle

34. Missiles in News

- Agni Prime ballistic missile
- Agni-1 Short Range Ballistic Missile
- Akash-NG system

35. Indian Air Force in News

- LCA Tejas
- MQ-9B HALE UAVs
- TAPAS Drone
- Flying Wing Technology Demonstrator

36. INDUS X - India-United States Defence Acceleration Ecosystem

37. National Defence Academy – 75 yrs

6. Other Technologies

38. Carbon Nanoflorets

39. Cloud Seeding

40. Green hydrogen Fuel Cell Bus

41. B Molasses

42. Pet coke

43. Splitting phonons

44. Nano fertilisers

8. Science & Technology – Important Topics

7. Diseases / Vaccines

45. Nipah Virus
46. Pompe disease
47. Kala Azar Elimination
48. Walking Pneumonia
49. Lathyrism
50. Late Blight disease
51. Noma
52. Anthrax
53. Malaria
 - Belize – Malaria free
 - R21 (Oxford-Serum) vaccine
54. Sickle Cell Anaemia
55. Ixchiq – Chikungunya vaccine

9. Miscellaneous– Important Topics

REPORTS/ INDICES

1. Interconnected Disaster Risks Report
2. State of Working India Report, 2023
3. Global Hunger Index
4. India AI Report
5. State of India's Birds 2023
6. Global Stocktake report
7. State of Rhino Report, 2023
8. State of global water resource 2022 report
9. UNFPA report - India aging report
10. UNESCO - 1st report on Ethics of Climate Engineering
11. Multi-Dimensional Poverty Index
12. India Infrastructure Report

AWARDS

1. Rashtriya Vigyan Puraskar - National Science awards
2. Nobel Prize in Physics, 2023
3. Nobel Prize in Chemistry, 2023
4. Nobel Prize in Medicine, 2023
5. Nobel Prize in Literature, 2023
6. Nobel Peace Prize, 2023
7. Sveriges Riksbank Prize in Economic Sciences, 2023
8. Lief Erikson Lunar Prize 2023

9. Miscellaneous– Important Topics

PERSONALITIES

1. Neeraj Chopra - World Athletics Championships
2. Aditi Gopichand Swami - first-ever individual gold medal in the history of the World Archery Championships
3. Lt Col Sanjeev Malik - five gold medals in World Medicine and Health Games in Colombia
4. Sir Ian Wilmut died - embryologist who first cloned a mammal
5. Raunak Sadhwani - FIDE World Junior Rapid Chess Championship
6. Karthikeyan Murali wins World No. 1, Magnus Carlsen
7. Bhairon Singh Shekhawat - 100th birth anniversary
8. Air Marshal Sadhna Saxena Nair - Director General Hospital Services (Armed Forces); - first lady officer to hold the position
9. Col Sunita - first woman to command Armed Forces Transfusion Centre, Delhi - largest blood transfusion centre of the Armed Forces