

**GS MAINS CLASSES 2022**

# APPLIED GS

**COMPLETE DYNAMIC TOPICS OF  
GS PAPER 3, 2, 1 & 4 COVERED****GS MAINS TEST SERIES  
& ESSAY WRITING****BATCH STARTS****07 DECEMBER  
2021****CLASS TIMINGS****10:00 AM to 1:30 PM****30th NOVEMBER TO 10th MARCH****COURSE FEE****₹ 40,000****(including GST)**

- 4 Months Course to Cover Key Concepts and Applied part of GS Mains
- Complete Coverage of Applied Issues of last two years
- 3 Weeks updation Classes after prelims
- Regular Answer Writing Session on each Subject
- Mains Test Series (Total 26 Tests )
  - 10 Revision Tests
  - 6 Applied Tests
  - 8 Mock
  - 4 Essay Mock
- Essay Classes
- Practice Workbook
- Study Material of Applied GS

# Course DELIVERY

This course is designed to cater for GS mains syllabus, effective writing skills which will get polished only when a candidate develops analytical ability and can visualise the issues in the correct context. The programme helps to achieve that through:

01

CLASS

Each topic would start from core concepts to applied context consisting:

- 01 Core Concepts revision and analysis of the topic.
- 02 Special Focus on Application and current perspectives of the topic.
- 03 Expected Question & PYQ.



02

ANSWER  
WRITING &  
TESTS

Art of writing a good Answer will be developed through

- 01 Regular Answer Writing Sessions
- 02 Subject Wise Revision Tests
- 03 Mock Tests after Prelims



03

PERSONALISED  
MENTORSHIP

One on one guidance by the faculty will be ensured through:

- 01 Regular Doubt Clearing Session
- 02 Effective Copy Evaluation
- 03 Personalised Feedback



04

STUDY  
MATERIAL

For Quick Revision & Value Addition study material will be provided in form of:

- 01 Applied GS Study Material
- 02 Practice Workbook
- 03 Subject wise Worksheet



# Course FAQ

## ■ What is this course all about?

Applied GS acts as a bridge between classroom and competition. Often the demand of the UPSC CSE, pushes the candidate to go beyond classroom and theory, as it focuses not only on theory but deep, coherent, and cogent applied aspects of that theory. This course is specially designed to assist the students to master these applied aspects.

## ■ How it will help in mains?

In recent years Mains examination more emphasis has been given to applied GS. In last 3 years almost 80% (around 600 in numbers) applied topics theme were repetitive. In this course, we will be covering all the 600 applied topics and more and you will be ready for Mains Examination.

## ■ Who can get enrolled in this course?

Candidates who are through with their foundation preparation, candidates who need more handholding to increase marks and candidates who qualify prelims but fail to pass through Mains can take advantage of this course and take their preparation to next level to achieve success.

## ■ What all gets covered as part of this course?

The course covers entire syllabus for UPSC

CSE Mains, spanning across GS 1, GS 2, GS 3, GS 4 and Essay through important issues, having contemporary as well as significant implications as per the demands of the exam. It also encapsulates within itself rigorous Test Series to validate and constantly improve one's preparation.

## ■ What will be the duration of the Course?

The duration of the course will be around 4 months (30 November 2021 to 10th March 2022). 3 weeks updation classes will be conducted after prelims examination.

## ■ What are the components of this Course?

- Learning of entire UPSC Mains GS syllabus through applied aspects and significant issues.
- Test Series for GS 1, GS 2, GS 3.
- Test Series for Ethics.
- Tests for Essay.
- Coverage of Contemporary issues of last 2 years.
- Regular Answer writing sessions on each subject.
- Essay Classes + Practice
- Workbook
- Enriched Study material for Applied GS.
- Personalised Mentorship.

**■ How test will be organised?**

Regular answer writing sessions will be conducted to enhance the skill of writing an articulated answer. Mains Test series will also be provided including 10 revision tests, 6 Applied tests, 8 mock tests & 4 Essay Mock.

**■ Will I get the study material?**

Yes, Enriched study material will be provided.

**■ What will be the mode of instruction for this course?**

The Course will be available both in online as well as offline mode.

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# Syllabus COVERAGE

Note. The following session plan and sequence are only indicative of the issues and the topics to be covered across different sessions; actual coverage of issues would be far wider. These sessions will cover applied issues of GS Paper 3, 2, 1 & 4 comprehensively. Weekly session plan will be provided separately in student account.

## GS-3

### Economic Development, Technology, Bio-diversity, Environment, Security and Disaster Management

#### UPSC SYLLABUS

#### APPLIED ISSUES

### Economy

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| <ul style="list-style-type: none"> <li>◦ <b>Indian Economy and issues relating to planning, mobilization, of resources, growth, development and employment.</b></li> <li>◦ <b>Inclusive growth and issues arising from it.</b></li> <li>◦ <b>Government Budgeting.</b></li> <li>◦ <b>Major crops-cropping patterns in various parts of the country</b></li> <li>◦ <b>Different types of irrigation and irrigation systems.</b></li> <li>◦ <b>Storage, transport and marketing of Agricultural produce and issues and related constraints.</b></li> </ul> | <ul style="list-style-type: none"> <li>◦ Gig Economy: its role and significance</li> <li>◦ Effectiveness of GDP in measurement of economic growth.</li> <li>◦ Economic Growth vs Economic Development</li> <li>◦ Post pandemic economic recovery</li> <li>◦ Economic Reforms in last 5 years</li> <li>◦ National Monetization Pipeline: Scope and Impact</li> <li>◦ Strategic Disinvestment in India: Rationale and Concerns</li> <li>◦ Issues with FRBM Act.</li> <li>◦ Public debt management</li> <li>◦ India Vs Bharat: Rural-Urban Divide</li> <li>◦ Planning approach in India</li> <li>◦ Effectiveness of Micro-Credit in India</li> <li>◦ Investment in Social Infrastructure for Sustainable Growth in India</li> <li>◦ Sectoral &amp; Regional Diversification as tool for Inclusive Growth</li> </ul> |
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UPSC SYLLABUS	APPLIED ISSUES
<ul style="list-style-type: none"> <li>◦ <b>E-technology in the aid of farmers.</b></li> <li>◦ <b>Issues related to direct and indirect farm subsidies and minimum support prices</b></li> <li>◦ <b>Public Distribution System.</b></li> <li>◦ <b>Issues of buffer stocks and food security.</b></li> <li>◦ <b>Technology missions</b></li> <li>◦ <b>Economics of animal-rearing.</b></li> <li>◦ <b>Food processing and related industries in India.</b></li> <li>◦ <b>Land reforms in India.</b></li> <li>◦ <b>Effects of liberalization on the economy.</b></li> <li>◦ <b>Changes in industrial policy and their effects on industrial growth.</b></li> <li>◦ <b>Infrastructure: Energy, Ports, Roads, Airports, Railways etc.</b></li> <li>◦ <b>Investment models</b></li> </ul> <p style="text-align: center;">+</p> <p style="text-align: center;"><b>ANSWER WRITING</b></p>	<ul style="list-style-type: none"> <li>◦ Unorganised sector of India</li> <li>◦ Effects of Demonetization till today</li> <li>◦ PradhanMantri Jan DhanYojana : Its Impact and Challenges</li> <li>◦ Digital payment and financial inclusion</li> <li>◦ Rise in Inequality in India: Role of Technology and Other related Factors</li> <li>◦ Government Measures: To tackle growing Inequality in India</li> <li>◦ Income Inequality in India in Covid-19: Causes, Remedies and Consequences</li> <li>◦ Post pandemic poverty status</li> <li>◦ Gender Budgeting: Issues and Measures Needed</li> <li>◦ Multi-Year Budgeting: Advantages and Limitations</li> <li>◦ State finances for Macro-economic Stability in India: Effect of Covid-19</li> <li>◦ Issues with States fiscal management in India</li> <li>◦ Government Budgeting</li> <li>◦ Retrospective Taxation in India: Effects and Reforms</li> <li>◦ Direct Tax Code</li> <li>◦ GST- petrol and diesel</li> <li>◦ Tax evasion</li> <li>◦ Taxing Virtual Currencies and its Regulations</li> <li>◦ G7 Corporate Tax Deal: Impact on India</li> <li>◦ Emergence of NEO Banks</li> <li>◦ Urban Cooperative Banks: Need for Reforms</li> <li>◦ Bilateral Netting: Concepts and its Significance</li> <li>◦ Nationalization of Banks and Privatization of Banks</li> <li>◦ Challenges of Non-Performing Assets in India</li> <li>◦ Regulation of Cryptocurrency in different Parts of World</li> <li>◦ The concept of Bad-Banks</li> <li>◦ Account Aggregator System</li> <li>◦ Agricultural Reforms: Three Acts and Requirement for the reforms</li> </ul>

**UPSC SYLLABUS****APPLIED ISSUES**

- Effectiveness, Extent and Problems of Subsidies
- Impact of Government Procurement and Distribution: Food Security in Covid-19
- Marketing of Agriculture Produce in India: Process, Structure and Importance
- Technology Missions in India
- Digital Revolution in Indian Agriculture
- E-Tech in Agriculture to Aid the Farmers/ agri-start up
- Significance of Private and Co-operative Sector in Agri-Marketing
- Need for Sustainable Agriculture, Food Security and Resilience for Growth
- Livestock Sector of India: Scope and Government Initiatives
- Edible-Oil Sector : National Mission Program- Significance & Scope
- Supply Chain Management in Indian Agriculture
- Land reforms in India
- Corporate Bond Market in India: Issues & Reforms required
- Global Value Chains: Significance for India & its Concerns
- Dispute Settlement Mechanism in WTO
- Model Bilateral Investment Treaty: Rules and Agreements
- Free Trade Agreement
- Labour Intensive Industries: Significance, Challenges and Steps Needed
- Labour Laws Framework in India: Labour Codes
- Feminisation of Agriculture
- Toy Sector : Scope and Relevance
- Power Sector: Reforms and Significance
- Telecom sector: Scope and Relevance
- Delinking Nuclear Weapons and Nuclear Energy



UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>◦ FDI in defence sector: Raise the limit, protect the currency and territory</li> <li>◦ Analysing two decades of reforms and impact of globalization</li> <li>◦ Participation of Private Sector in Railways</li> <li>◦ Renewable Energy Sector</li> <li>◦ Financing of Infrastructure in India: Issues, Challenges and Government Steps</li> <li>◦ National Infrastructure Master Plan: PM Gati Shakti Scheme</li> <li>◦ Transitioning to a Sustainable Energy Ecosystems</li> <li>◦ Major Reforms in energy sector</li> <li>◦ Public-Private Partnership Model in Infrastructure Development</li> </ul>

... Etc., Other Topics To Be Covered In The Class

## Science & Technology

<ul style="list-style-type: none"> <li>◦ <b>Developments And Their Applications And Effects In Everyday Life</b></li> <li>◦ <b>Achievements Of Indians In Science &amp; Technology</b></li> <li>◦ <b>Indigenisation of Technology And Developing New Technology</b></li> </ul>	<ul style="list-style-type: none"> <li>◦ Pegasus Project and the need of surveillance reform in India</li> <li>◦ The new IT Rules 2021: Needs and Challenges</li> <li>◦ Issues in rolling out 5G networks in India</li> <li>◦ Rare Diseases in India and the draft National Policy for Rare Diseases</li> <li>◦ Monoclonal antibody therapy</li> <li>◦ Brain Fingerprinting technology: applications and limitations</li> <li>◦ New DNA law and the privacy concerns in India</li> <li>◦ Mandatory food fortification: adverse impacts on health and livelihoods</li> <li>◦ Draft 'National Strategy on Blockchain'</li> <li>◦ Technology and digital in agriculture</li> <li>◦ National Immunization Technical Advisory Group: Informed and rational decision-making in immunization</li> <li>◦ Hybrid animals and Ethical Concerns</li> </ul>
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**UPSC SYLLABUS**

- **Awareness In The Fields Of IT, Space, Computers, Robotics, Nano-Technology, Biotechnology, And Issues Relating To Intellectual Property Rights**

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**ANSWER WRITING****APPLIED ISSUES**

- Nano-composite to beat antimicrobial resistance
- Relevance of traditional knowledge for agricultural sustainability
- Superconductivity at Room Temperature
- Application of Nanotechnology in Agriculture
- Dark Web: Uses and concerns associated
- Scientific Social Responsibility
- Concerns regarding Antitrust/ competition laws of India.
- Indian Space Association (ISpA): A government-corporate interface
- 'Geopolitics of outer space': Where does India stand?
- Issues with edible Genetically Modified Herbicide
- The new guidelines for the 'Geospatial sector' in India
- AgriStack: e-Technology to the aid of the farmer
- Status of IRNSS in the World Wide Radio Navigation System
- Deep Ocean Mission of India: Components, opportunities, and challenges
- National Digital Health Mission: Step towards the Universal Health Coverage
- US India Artificial Intelligence (USIAI)
- Humans in Space Policy for India 2021
- Health Data Management Policy (HDMP) under the National Digital Health Mission
- Radioisotope Thermoelectric Generator: ISRO plans for nuclear energy use in space
- International Thermonuclear Experimental Reactor (ITER): the way to new energy
- AI and healthcare technology in India
- Coal based Hydrogen production: Roadmap for India
- The future of Satellite-based internet connectivity in India
- Rare Diseases and issues in India
- National Hydrogen Energy Mission
- National Science Technology and Innovation Policy (STIP).

UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>◦ Space Based Remote Sensing Policy of India.</li> <li>◦ Narrow Band-Internet of Things (NB-IoT)</li> <li>◦ 'Public Health Surveillance in India by 2035'</li> <li>◦ Data Empowerment and Protection Architecture of India</li> <li>◦ Alternative Medicine System of India; and various laws and bodies</li> <li>◦ Types of Assisted Reproductive Technology ; Assisted Reproductive Technology (ART) (Regulation) Bill, 2020</li> <li>◦ Indian Initiative on Earth Bio Genome Sequencing (IIEBS)</li> <li>◦ Pharmaceutical and Medical Devices Industries in India</li> <li>◦ Genome India Project: Significance, Applications and Challenges</li> <li>◦ Notification of Medical Devices as 'Drugs': Implications</li> <li>◦ Gene Therapy in India</li> <li>◦ ISRO's Role In Socio-Economic Development</li> <li>◦ UAVs in India</li> <li>◦ World's first patent to an artificial intelligence system, DABUS</li> <li>◦ Deep Fake: a misuse of Artificial intelligence</li> <li>◦ Easy access to space: NASA and SpaceX's Crew-2 mission</li> <li>◦ Green Propulsion, an alternative for the conventional chemical propulsion systems</li> <li>◦ Space Security: major threats, and measures</li> <li>◦ Space economy and tourism</li> <li>◦ human genome editing and the public health</li> <li>◦ National Strategy on Additive manufacturing (AM)</li> <li>◦ Space-based Remote Sensing Policy of India</li> <li>◦ Energy Infrastructure and the Cyber Risks: To what extent India is prepared?</li> <li>◦ Quantum Computing and its applications</li> <li>◦ Genetically Modified (GM) Food crops: Benefits and concerns</li> <li>◦ Nucleic Acid Vaccines and their modus operandi</li> </ul>

**UPSC SYLLABUS****APPLIED ISSUES**

- Bio-Grid: a National Repository for all biological knowledge, information and data
- Chimeric Antigen Receptor T-cell (CAR-T) therapy
- LiDAR technology: its mechanism and application in remote sensing
- Radioisotope Thermoelectric Generator (RTG): Power generation and thermal management of ISRO's deep space missions
- Neglected Tropical Diseases
- Space debris and international efforts to tackle
- Benefits and applications of Artificial Intelligence
- Magnetic Fields around the Black Holes
- Fifth state of matter

... Etc., Other Topics To Be Covered In The Class

**Environment**

- **Conservation**
- **Environmental pollution and degradation**
- **Environmental impact assessment.**

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**ANSWER WRITING**

- Man-Animal Conflicts in India
- International treaties for wildlife conservation
- Use of drones for wildlife conservation
- Eco-Bridges and Biodiversity Management
- Sunderbans at risk due to Climate Change
- Declining Population of Pollinators
- Mass Coral Bleaching – Threats to coral reefs
- Forest Fires
- Algal bloom Issue
- Impact of Particulate Matter
- Smog and its impact
- Aerosol shrinking India's Monsoon
- Stubble Burning
- Mobile radiation Impact on Health
- Heavy water Pollution
- Plastic Pollution
- Light Immersion Pollution

UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>◉ Idol Pollution</li> <li>◉ Oil Spill</li> <li>◉ Garbage Dumping and its environmental impacts</li> <li>◉ E-waste Management</li> <li>◉ Groundwater contamination (Arsenic, Uranium)</li> <li>◉ Bharat Stage Norm</li> <li>◉ Polluters Pay Model</li> <li>◉ Beach (Coastal) Pollution</li> <li>◉ Hazardous Waste Management</li> <li>◉ Issues with Progress in COP 26</li> <li>◉ Paris Agreement and its success/failure</li> <li>◉ Kigali Agreement: Prospects and Issues for India</li> <li>◉ IPCC reports on Climate Change</li> <li>◉ International Solar Alliance: Prospects and Issues</li> <li>◉ Effectiveness of Green Bond</li> <li>◉ Green Climate Fund</li> <li>◉ Carbon Tax and its feasibility in India</li> <li>◉ The Hidden Risks of Green Buildings</li> <li>◉ Hidden Disequities of Carbon Trading</li> <li>◉ Carbon neutrality: challenges and opportunities</li> <li>◉ Climate Change and Cities: Challenges Ahead</li> <li>◉ Climate change and its impact on Health</li> <li>◉ Impact of climate change on agriculture</li> <li>◉ Climate Change and sea level Rise</li> <li>◉ Ocean Warming</li> <li>◉ Melting of Glaciers</li> <li>◉ Programmes and Policies Initiated for Mitigating Climate Change</li> <li>◉ Ethical issues involved in climate change</li> <li>◉ Third Pole and Climate Change</li> <li>◉ UNCCD 2018-2030 Strategic Framework</li> <li>◉ Tackling climate change from a security perspective</li> </ul>

UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>◉ Environmental Refugee</li> <li>◉ Sea Level Rise and its Impact</li> <li>◉ Urban Waste and Global Warming</li> <li>◉ Compensatory Afforestation Fund Act</li> <li>◉ Draft National Wildlife Action Plan</li> <li>◉ Wetland Management</li> <li>◉ Initiatives to enhance green cover</li> <li>◉ Policy on Promotion of City Compost</li> <li>◉ Living status to Rivers</li> <li>◉ River Pollution</li> <li>◉ Public Participation for Environmental conservation</li> <li>◉ Western Ghats biodiversity conservation</li> <li>◉ India's National REDD+ Strategy: Opportunities and challenges</li> <li>◉ EnviStats-India 2019</li> <li>◉ Indian Forest Act (Amendments)</li> <li>◉ Sustainable Development in Indian Himalayan Region</li> <li>◉ Global Carbon Project (GCP)</li> <li>◉ Naturalized species</li> <li>◉ Challenges of resource efficiency</li> <li>◉ India Cooling Action Plan (ICAP): Prospects and Issues</li> <li>◉ Island protection zone (IPZ): Impact on environment</li> <li>◉ Saving Himalayan springs: Issues and Challenges</li> <li>◉ Lakshadweep and coastal erosion</li> <li>◉ NITI Aayog's Development Plan for Little Andaman</li> <li>◉ River linking project and its impact</li> <li>◉ Impacts of Dam and fishing</li> <li>◉ Issue of Land Degradation</li> <li>◉ Sand Mining and its Impacts</li> <li>◉ Kunming Declaration: Need and Issues</li> <li>◉ Harnessing the Power of India's Forests for Climate Change Mitigation</li> <li>◉ The New Green Revolution: A Just Transition to Climate-Smart Crops</li> </ul>

UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>◉ Issues with National Solar Mission for India</li> <li>◉ Hydro Power energy in India</li> <li>◉ Alternative fuels in India</li> <li>◉ Draft Energy Policy</li> <li>◉ National Energy Storage Mission: Challenges in Energy Storage</li> <li>◉ Indian's Renewable Energy Development Plan</li> <li>◉ Wind-solar Hybrid: Concerns related to the environment, land and communities</li> <li>◉ Ethanol Blending in Petrol (E20)</li> <li>◉ Environment Impact Assessment (Amendments)</li> <li>◉ Environmental Compliance and Enforcement in India</li> <li>◉ Climate justice</li> <li>◉ Role of Pollution Control Board</li> <li>◉ Issues and Challenges National Green Tribunal</li> <li>◉ Shrinking Forest in India</li> <li>◉ Issue of import of genetically modified processed foods</li> <li>◉ Integrating Traditional Ecological Knowledge Into Contemporary Resource Management</li> <li>◉ Implementation of Green contracts</li> <li>◉ UNCLOS and marine security</li> <li>◉ Bottom Trawling to Deep Sea fishing</li> <li>◉ Circular Bio-economy</li> </ul>
... Etc., Other Topics To Be Covered In The Class	
<b>Disaster Management</b>	
<p style="text-align: center;"><b>Disaster and disaster management.</b></p> <p style="text-align: center;"><b>+</b></p> <p style="text-align: center;"><b>ANSWER WRITING</b></p>	<ul style="list-style-type: none"> <li>◉ Flash Droughts in India</li> <li>◉ Flash floods (Chamoli disaster)</li> <li>◉ Floods in Europe and lessons for India</li> <li>◉ Flood management – with special reference to India-Nepal</li> <li>◉ Glacier collapse in India's North</li> </ul>

UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>◦ Increasing Landslides: Difficulty in Prediction</li> <li>◦ India's preparedness for Glacial lake outburst flood (GLOF)</li> <li>◦ Heightened Frequency of Forest Fire/ Wildfires in India (Dzukou Valley, Similipal, etc.)</li> <li>◦ Nuclear Reactor explosion</li> <li>◦ Gas Leakage</li> <li>◦ Climate Change and Disasters</li> <li>◦ Poverty and Disasters</li> <li>◦ Oil Spill Disasters</li> <li>◦ Vulnerability of North East India to large earthquakes</li> <li>◦ India's disaster Management Response during Pandemic</li> <li>◦ Disaster Resilient Infrastructure in India (Policies and Guidelines)</li> <li>◦ Fire Disaster Management</li> <li>◦ Indian Tsunami Early Warning System</li> <li>◦ Disaster Insurance</li> <li>◦ Community-Based Disaster Management</li> <li>◦ Role of the Media in Disaster Management</li> <li>◦ Role of Social Media in Disaster Management</li> <li>◦ Retrofitting of Buildings-The Key is to Let it Swing</li> <li>◦ NDMA Guidelines</li> <li>◦ National Disaster Plan for Animals</li> <li>◦ Epidemic Diseases Act 1897</li> <li>◦ Disaster Management Act 2005</li> <li>◦ Flood Governance in India</li> </ul>

... Etc., Other Topics To Be Covered In The Class

## INTERNAL SECURITY

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| <ul style="list-style-type: none"> <li>◦ <b>Linkages between development and spread of extremism.</b></li> </ul> | <ul style="list-style-type: none"> <li>◦ Drone Rules, 2021 and national security</li> <li>◦ National Maritime Security Coordinator (NMSC) and strengthening of maritime security</li> </ul> |
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UPSC SYLLABUS	APPLIED ISSUES
<ul style="list-style-type: none"> <li>◦ Role of external state and non-state actors in creating challenges to internal security.</li> <li>◦ Challenges to internal security through communication networks,</li> <li>◦ Role of media and social networking sites in internal security challenges,</li> <li>◦ Basics of cyber security; money-laundering and its prevention.</li> <li>◦ Security challenges and their management in border areas - linkages of organized crime with terrorism.</li> <li>◦ Various Security forces and agencies and their mandate.</li> </ul> <p style="text-align: center;">+</p> <p style="text-align: center;"><b>ANSWER WRITING</b></p>	<ul style="list-style-type: none"> <li>◦ Role of Bodo Peace Accord and insurgency in Assam</li> <li>◦ The Outbreak of Pandemic COVID-19 and its Management</li> <li>◦ Punjab Insurgency and Lakhimpur Kheri incident</li> <li>◦ The Dark Web and Regulatory Challenges</li> <li>◦ Cyber Security and Surveillance</li> <li>◦ Security issues in Critical Information Infrastructure (CII)</li> <li>◦ Integrated Theatre Command and unification of Army, Air force and Navy</li> <li>◦ Dedicated non-lapsable Modernisation Fund for Defence and Internal Security (MFDIS)</li> <li>◦ Jurisdiction enhancement of Border Security Force (BSF)</li> <li>◦ Separate tribunal for CAPF</li> <li>◦ Rise of Taliban: Drug trafficking and Narcoterrorism as a National threat for India.</li> <li>◦ Issues with existing border fence.</li> </ul>
<p>... Etc., Other Topics To Be Covered In The Class</p>	

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## GS-2

## Constitution, Polity, Governance, Social Justice and International Relations

## UPSC SYLLABUS

## APPLIED ISSUES

## POLITY

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| <ul style="list-style-type: none"> <li>◦ <b>Indian Constitution— Historical Underpinnings, Evolution, Features, Amendments, Significant Provisions, and Basic Structure</b></li> <li>◦ <b>Functions and Responsibilities of the Union and the States</b></li> <li>◦ <b>Issues and Challenges Pertaining to the Federal Structure</b></li> <li>◦ <b>Devolution of Powers and Finances up to Local Levels and Challenges Therein</b></li> <li>◦ <b>Separation of Powers between various organs</b></li> <li>◦ <b>Dispute Redressal Mechanisms and Institutions</b></li> <li>◦ <b>Parliament and State Legislatures—Structure, Functioning, Conduct of Business, Powers &amp; Privileges and Issues Arising out of these</b></li> </ul> | <ul style="list-style-type: none"> <li>◦ Fundamental Right to Speedy trial</li> <li>◦ Right to protest vs. Right to mobilization</li> <li>◦ Right to be Forgotten</li> <li>◦ Role of Mandamus and Setting Up An Adjudicatory Body Or Tribunal</li> <li>◦ Article 32 and its ever-changing interpretation</li> <li>◦ Electricity Integral Part Of Right To Life</li> <li>◦ The right to Health</li> <li>◦ Preventive Detention Law and the Rights of an Individual</li> <li>◦ Uniform Civil Code: Personal Laws versus Gender Justice</li> <li>◦ The Constitution (One Hundred and Second Amendment) Act and Other Backward Classes</li> <li>◦ Getting rid of Sedition Law or not</li> <li>◦ Tough Anti-Drug Law needs fixing</li> <li>◦ The IT Rules and constitutionality</li> <li>◦ Asymmetric federalism (Manipur case)</li> <li>◦ Naga Peace Process</li> <li>◦ Karbi Agreement</li> <li>◦ Municipal Bonds and Finances</li> <li>◦ Health in Concurrent list: A solution for Health Sector</li> <li>◦ Inter-State Border Disputes</li> <li>◦ Governors and Power to pardon</li> <li>◦ The anti-defection law and its failures</li> <li>◦ Questions around the election of Deputy Speaker</li> <li>◦ Women in judiciary</li> </ul> |
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UPSC SYLLABUS	APPLIED ISSUES
<ul style="list-style-type: none"> <li>◦ <b>Structure, Organization, and Functioning of the Executive and the Judiciary—Ministries and Departments of the Government</b></li> <li>◦ <b>Salient Features of the Representation of People's Act</b></li> <li>◦ <b>Appointment to various Constitutional Posts, Powers, Functions, and Responsibilities of various Constitutional Bodies</b></li> <li>◦ <b>Statutory, Regulatory and various Quasi-judicial Bodies</b></li> <li>◦ <b>Local Government</b></li> </ul> <p style="text-align: center;">+</p> <p style="text-align: center;"><b>ANSWER WRITING</b></p>	<ul style="list-style-type: none"> <li>◦ Rethinking Judicial Appointments</li> <li>◦ Judicial Infrastructure</li> <li>◦ E-Courts: A pandemic Stop-gap or future?</li> <li>◦ UAPA and the growing crisis of judicial credibility in India</li> <li>◦ The Standards Of Basic Structure: Questioning The Master Of The Roster</li> <li>◦ "Indianising" Legal System</li> <li>◦ Need for Good Judicial Infrastructure</li> <li>◦ NRIs and Postal Ballots</li> <li>◦ Right to Recall</li> <li>◦ Electoral bonds</li> <li>◦ Registration of Political Parties</li> <li>◦ E-voting system</li> <li>◦ Independence of Constitutional Bodies</li> <li>◦ No right to cadre of choice for UPSC Candidates</li> <li>◦ Tribunal Reforms and Issues</li> <li>◦ Commission for tribunal Appointments</li> <li>◦ PESA and Adivasi self-governance system</li> <li>◦ Regional Disparity: A Source of All Discontent</li> <li>◦ Parochialization of Politics: Pains of Coalition Politics</li> <li>◦ Preventive Detention Law and the Rights of an Individual</li> <li>◦ Factors To Make and Feel Democracy</li> <li>◦ Students Politics: Desirable or Undesirable</li> <li>◦ People versus Parliament: Creator-creation conundrum</li> <li>◦ India's private sector and Right to Information Act</li> </ul>
<p>... etc., Other topics to be covered in the class</p>	

**GOVERNANCE**

- **Devolution of powers and finances up to local levels and challenges therein (Functional Aspects)**
- **Development processes and the development industry**
- **NGOs and SHGs**
- **Government policies and interventions for development and issues arising out of their design and implementation**
- **Important aspects of governance**
- **Transparency and accountability**
- **E-governance- applications, models, successes, limitations, and potential**
- **Citizens' Charters**
- **Issues relating to development and management of Social Sector/Services like Health Education and Human Resources**
- **Issues relating to poverty and hunger**
- **Issues relating to women and other vulnerable groups of the society**
- Urban Local Bodies reforms
- Green Pachayats
- Local Bodies and Disaster Management
- Private Sector and Reservation
- Startups and Governance
- Fostering Agri- Governance
- Evolution of Governance from Food, Shelter, clothing to Ease of Living
- Climate Governance: Role of State- Non-State Partnership
- Non-governmental organizations (NGOs) and Funding
- NGOs and Legitimacy of State
- SHGs and Pandemic- Cushioning Rural Governance
- Labour unrest and Reforms
- Internet shutdowns: Economic losses
- Regulating The Foreign Contribution
- Guiding the Television Rating agencies in India
- One District One Product: A potential game-changer for Northeast economies
- India Energy Modelling Forum (IEMF): Securing Energy for Future
- Population Policy: Need and imperatives.
- Atmanirbhar Bharat and Globalization
- Climate goals and Development
- Sunrise Sectors and Governance
- Governance of future and 4th Industrial Revolution.
- Creating citizen-centric police
- Citizen Centricity and Status Quoist State
- Social Impact Assessement and Participative Governance.
- Social Accountability
- Food Security and the Public Distribution System

UPSC SYLLABUS	APPLIED ISSUES
<ul style="list-style-type: none"> <li>◦ <b>Role of civil services in a democracy</b></li> <li>◦ <b>Statutory, regulatory, and quasi-judicial bodies</b></li> <li>◦ <b>Welfare schemes for vulnerable sections of the population by the Centre and States and the performance</b></li> <li>◦ <b>Bodies constituted for the protection and betterment of these vulnerable sections</b></li> </ul> <p style="text-align: center;">+</p> <p style="text-align: center;"><b>ANSWER WRITING</b></p>	<ul style="list-style-type: none"> <li>◦ New IT Rules for Social Media: Freedom of Expression or State Control</li> <li>◦ Faceless Assessment Scheme</li> <li>◦ Data Protection: A Framework needed</li> <li>◦ Central Vigilance Commission (CVC) and Integrity Pact</li> <li>◦ Transparency and protection of honest officials</li> <li>◦ Parliamentary Logjam- Political Accountability</li> <li>◦ e-Gram Swaraj Portal</li> <li>◦ E- Courts and Judicial Governance</li> <li>◦ PRAGATI Platform</li> <li>◦ Geospacial Planning Portal</li> <li>◦ Digital Governance Through AI</li> <li>◦ Social Media and Governance</li> <li>◦ A Citizen's Charter for Panchayats</li> <li>◦ A Tech Based Citizen's Charter</li> <li>◦ A Children's Charter</li> <li>◦ 360 degree shift- A Citizen's Charter by Citizens</li> <li>◦ Medical Termination of Pregnancy</li> <li>◦ Covid and impact on Education</li> <li>◦ PPP in Health infrastructure</li> <li>◦ Online education and India</li> <li>◦ Federalism and human capital-A decentralized approach</li> <li>◦ Paternity Leave</li> <li>◦ India and Unequal Healthcare</li> <li>◦ New Labour Codes- A new deal for Labourers</li> <li>◦ Digital Divide for India's Children</li> <li>◦ Educated vs employable Youth: Skill India needs a reboot</li> <li>◦ Poverty and NDPS Act</li> </ul>

UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>◦ AaharKranti Mission: Panacea to Hunger and Disease</li> <li>◦ PoshanAbhiyan and promise of nutrition</li> <li>◦ Biofortified food: From food security to nutrition security</li> <li>◦ Rebooting Mid Day Meals in the post pandemic World</li> <li>◦ Poverty and its changing meaning</li> <li>◦ Surplus Agricultural Produce and Malnutrition: A paradox.</li> <li>◦ Agrarian Crisis and Farmers' Suicides</li> <li>◦ Employment and Unemployment</li> <li>◦ Gender Discrimination</li> <li>◦ Violence against Women and Girl Child</li> <li>◦ Woman and Food Security</li> <li>◦ Honour Killing</li> <li>◦ Human Trafficking</li> <li>◦ The Scheduled Castes: from Untouchable to Dalit</li> <li>◦ Other Backward Classes (OBCs)</li> <li>◦ Internal Migration in India</li> <li>◦ Tribal Unrest and Resistance: Development and Displacement</li> <li>◦ Juvenile Delinquency</li> <li>◦ Women and Development (WAD)</li> <li>◦ Women In development (WID)</li> <li>◦ Mission Karmayogi: Civil Services of the Future</li> <li>◦ Transfer Policy: Reforming the Administration</li> <li>◦ Lateral Entry: need and Impact</li> <li>◦ Towards a Citizen Centric Civil Service</li> <li>◦ Civil Services and Sanction for Probe</li> <li>◦ Governing Cooperative Societies</li> <li>◦ Regulatory Bodies of 21st Century: Embracing Technology</li> <li>◦ A Regulatory Framework for 4th Industrial Revolution: Need of the Hour</li> </ul>

UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>◦ Domain Expertise in Quasi Judicial Bodies</li> <li>◦ Justice Rohini Commission: OBC sub-categorization</li> <li>◦ Anamaya: Tribal Health Collaborative</li> <li>◦ 'Safaimitra Suraksha Challenge': An end to Manual Scavenging</li> <li>◦ Child marriage law in India</li> </ul>
... etc., Other topics to be covered in the class	

## INTERNATIONAL RELATIONS

<ul style="list-style-type: none"> <li>◦ <b>Indian and its Neighborhood-relations</b></li> <li>◦ <b>Bilateral Relations</b></li> <li>◦ <b>Regional and Global Grouping (Groups India part of and groups indirectly affects India)</b></li> <li>◦ <b>Agreements involving India</b></li> <li>◦ <b>Impact of policies and politics of other countries on India's interests</b></li> <li>◦ <b>International Organization</b></li> </ul> <p style="text-align: center;">+</p> <p style="text-align: center;"><b>ANSWER WRITING</b></p>	<ul style="list-style-type: none"> <li>◦ Gilgit-Baltistan Issue</li> <li>◦ The phantasmagoric peace process</li> <li>◦ India – Pakistan changing dynamics due to Taliban's Afghanistan</li> <li>◦ Political Unrest in Myanmar</li> <li>◦ Political Crisis in Nepal and its impact on India</li> <li>◦ Changing India–Nepal relations</li> <li>◦ Impact of China Plus One Strategy</li> <li>◦ India-China Boundary Dispute</li> <li>◦ India-China relations after Galwan</li> <li>◦ Beijing's Expanding Digital Silk Road</li> <li>◦ Beijing's New Maritime Rules in the South China Sea</li> <li>◦ Implication of China-Taiwan tussle Maritime Silk Road Initiative</li> <li>◦ Threat and Perceptions in the Himalayas</li> <li>◦ Teesta Dispute and India-Bangladesh Relations</li> <li>◦ Rising Islamist threat in Bangladesh</li> <li>◦ Dynamic India and Sri Lanka bilateral relations</li> <li>◦ Relevancy of India's Act Policy</li> <li>◦ Digital Inclusion &amp; Transformation in South Asia</li> <li>◦ The Problem With India's Economic Diplomacy in South Asia</li> <li>◦ Myanmar and China relations and affects on India</li> <li>◦ Bringing peace to Afghanistan and Myanmar</li> </ul>
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UPSC SYLLABUS	APPLIED ISSUES
<ul style="list-style-type: none"> <li>◦ <b>International Conventions and Treaties (affecting India or part of or wants to be part of or refused to part of)</b></li> </ul>	<ul style="list-style-type: none"> <li>◦ China–Bangladesh strategic linkages</li> <li>◦ Shifting Delhi-Colombo-Beijing triangle</li> <li>◦ Pakistan-Sri Lanka Ties and concerns for India</li> <li>◦ Rohingya Crisis: Bangladesh’s tilt towards Russia</li> <li>◦ India, Sri Lanka and Maldives collaboration for security</li> <li>◦ Act East Policy: Peace and trust between neighbours</li> <li>◦ Suspending Afghanistan from SAARC and international law</li> <li>◦ Confidence-Building Measures and Norm</li> <li>◦ Diffusion in South Asia</li> <li>◦ China-Tibet Land deal</li> <li>◦ The United States and India: Multilaterally Abridged Allies</li> <li>◦ US-India Strategic Clean Energy Partnership</li> <li>◦ Indo-Pacific - QUAD</li> <li>◦ New West Asian Quad</li> <li>◦ India’s Purchase of the S-400 and CAATSA Conundrum</li> <li>◦ The Defence Technology and Trade Initiative (DTTI)</li> <li>◦ Impact of GSP Withdrawal on India’s Top Exports to the US</li> <li>◦ The Security Conundrum in the Indian Ocean Region (IOR)</li> <li>◦ India and its Indian Ocean partners</li> <li>◦ ‘Continuity in India’s ties with Central Asia</li> <li>◦ India-Iran-Uzbekistan Pursue Central Asian Connectivity</li> <li>◦ India in Central Asia: Time for a New Strategy</li> <li>◦ Changing dynamics in Central and South Asia: Role of Uzbekistan</li> <li>◦ AUKUS and the Quad</li> <li>◦ The EU-India-Indo-Pacific triangle</li> <li>◦ India’s economic ties with the Indo-Pacific</li> </ul>

UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>◦ Japan's security ties with Taiwan</li> <li>◦ Critical technology cooperation between India and Australia</li> <li>◦ Blue Economy in the Indo-Pacific</li> <li>◦ Southeast Asia: Importance in the US' Indo-Pacific strategy</li> <li>◦ Reviving Russia's role in the Indo-Pacific</li> <li>◦ Indo-Pacific will become the centre of the world: British High Commissioner</li> <li>◦ Defence diplomacy and environmental security: Cooperation in the Indo-Pacific and beyond</li> <li>◦ The Digital Indo-Pacific: Regional Connectivity and Resilience</li> <li>◦ Blue Economy: India-Australia collaboration in the IOR</li> <li>◦ Japanese plan for strategic investment in India: Impact on Indo-Pacific</li> <li>◦ "Sacred alliance" between Japan and India</li> <li>◦ 2+2 Dialogue between India-Japan</li> <li>◦ Japan-America-India</li> <li>◦ Mozambique's insurgency and India's interest</li> <li>◦ India's approach towards Seychelles in the Indian Ocean Region</li> <li>◦ India-Nigeria Relations</li> <li>◦ North Africa in the Indian foreign policy matrix</li> <li>◦ Rethinking India's engagement with the African Union</li> <li>◦ India's Role in the Arctic</li> <li>◦ India-Saudi security ties</li> <li>◦ CEPA: India and UAE</li> <li>◦ India-Gulf ties</li> <li>◦ India and Israel: cooperation in the Middle East</li> <li>◦ India's Relations with West Asia: Patterns and Future</li> <li>◦ India and the Shifting Regional Landscape in West Asia</li> <li>◦ India-France collaboration for African development</li> </ul>

UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>◦ India-France Agree on Space Security Dialogue</li> <li>◦ The Chinese factor in Indo-Russian ties</li> <li>◦ Turkey's India outreach: Possibilities and challenges</li> <li>◦ India-Germany at 70: Four big ideas</li> <li>◦ India-Germany partnership (The missing Bear Hug)</li> <li>◦ India-Denmark: health, Agri, climate sectors</li> <li>◦ Trajectory of strategic convergence</li> <li>◦ Significance of Connectivity master plan for Bay of Bengal region.</li> <li>◦ BIMSTEC: Strengthening Regional Solidarity Across the Bay of Bengal</li> <li>◦ Shanghai Cooperation Organization (SCO) and Clash of Interests</li> <li>◦ Shanghai Cooperation Organisation and Taliban</li> <li>◦ Relevance of ASEAN at present</li> <li>◦ India and G7</li> <li>◦ G-20 minus or G-7 plus for India</li> <li>◦ Arctic Ocean and its Relevance</li> <li>◦ India's National Hydrogen Mission and Prospects for Cooperation with Gulf Cooperation Council (GCC).</li> <li>◦ The future of India-EU relations</li> <li>◦ Russia-EU Relations: The End of a Strategic Partnership</li> <li>◦ The EU-India Connectivity Partnership</li> <li>◦ Impacts of India not joining the RCEP Agreement</li> <li>◦ The Pandemic Induced BRI: Then, Now, and What Next</li> <li>◦ Pakistan's balancing act between the US and the Taliban and its impact on India</li> <li>◦ Impacts of US retreat from Afghanistan</li> <li>◦ Role of Tibet in US-China relations</li> <li>◦ US-China trade war and effects in the world</li> <li>◦ Increasing involvement of USA in Indo-Pacific</li> <li>◦ Maritime Opportunities for India-France-Japan Trilateral</li> </ul>

UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>○ The Crisis In The Middle East</li> <li>○ US policy-wise: Visa, Free Trade and WTO</li> <li>○ India and Geopolitics of Technology</li> <li>○ India and the geopolitics of the moon</li> <li>○ China-Iran Comprehensive Strategic Partnership: Likely Challenges for India</li> <li>○ UK's Indo-Pacific tilt: Prospects for India</li> <li>○ Wolf warrior diplomatic style of China</li> <li>○ Russia's new national security strategy</li> <li>○ Debt Trap diplomacy of China</li> <li>○ China-Russia-Pakistan-Turkey-Iran arrangement and QUAD</li> <li>○ India's relationship with the UN Security Council</li> <li>○ International Convention for the Suppression of Terrorist Bombings</li> <li>○ Increased role of Terrorist organizations in Female Suicide Bombers and its impact</li> <li>○ Why India needs a refugee law</li> <li>○ Atlantic Charter for a New Era and its significance for India</li> <li>○ Relevance of territorial disputes in a globalised world</li> <li>○ Preparedness of our society for India's global leadership</li> <li>○ Rise of Minilaterals in the Indo-Pacific</li> <li>○ The Weaponisation of Disease Outbreaks</li> <li>○ A more gender-sensitive foreign policy</li> <li>○ Beyond government: Role of new actors in India's development cooperation</li> <li>○ Minilateralism: Weighing the Prospects for Cooperation and Governance</li> <li>○ Vaccine Diplomacy and Vaccine Nationalism</li> <li>○ Strategic Autonomy and Global Good</li> <li>○ Understanding the role of health in foreign policy</li> <li>○ Relevance of two-state solution</li> </ul>

UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"><li>◦ Geopolitical implications of green hydrogen economy</li><li>◦ Modern Geopolitics: A Race Through Chaos to Stability</li><li>◦ Choppy waters: On global maritime security;</li><li>◦ Geopolitics, geo-engineering governance, and the role of developing countries</li><li>◦ North Korea's denuclearisation</li><li>◦ Sustainable Multilateralism: India's development cooperation</li></ul>
... etc., Other topics to be covered in the class	

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## GS-1

## Indian Heritage and Culture, History and Geography of the World &amp; Society

## UPSC SYLLABUS

## APPLIED ISSUES

## History &amp; CULTURE

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| <ul style="list-style-type: none"> <li>◦ Indian culture</li> <li>◦ Art Forms</li> <li>◦ Literature</li> <li>◦ Architecture</li> <li>◦ Modern Indian history from about the middle of the eighteenth century until the present- Significant events, personalities, issues</li> <li>◦ The Freedom Struggle</li> <li>◦ Post-independence consolidation and reorganization</li> <li>◦ Industrial revolution</li> <li>◦ World wars,</li> <li>◦ Redrawal of national boundaries,</li> <li>◦ Colonization,</li> <li>◦ Decolonization,</li> <li>◦ Political philosophies like communism, capitalism, socialism etc.</li> </ul> | <ul style="list-style-type: none"> <li>◦ Prehistoric cave paintings as archaeological source of reconstruction of early history</li> <li>◦ Contribution of bengal school of art in revival of Indian art and culture during Swadeshi Movement (1906-1911).</li> <li>◦ Indian govt. Policy for conservation of Heritage especially in the context of Thotlakonda in Andhra Pradesh</li> <li>◦ Understanding about the economy prevalent during the IVC through latest excavations</li> <li>◦ Temple architecture of Kakatiya with special reference to Ramappa and its engineering marvel in the context of Medieval Temple Architecture.</li> <li>◦ Tipu sultan a nationalist or a religious orthodox</li> <li>◦ Philosophy of Shree Narayan Guru and contribution to empowerment of downtrodden</li> <li>◦ Ishwar Chandra Vidyasagar's contribution to education, women empowerment, language &amp; literature</li> <li>◦ Contributions of extremists in Indian national movement</li> <li>◦ Relevance of Gandhian principles in overcoming challenges of COVID 19 pandemic.</li> <li>◦ Jallianwalan Bagh massacre: An important turning point in national movement</li> <li>◦ Impact of Chauri Chaura, on Non-Cooperation Movement and Indian nationalism.</li> <li>◦ Nature of peasant rebellion post revolt of 1857 with special reference to malabar Revolt</li> <li>◦ The ideology and philosophy of Subhash Chandra Bose and contribution to Indian national movement</li> <li>◦ Spiritual Philosophy of Rabindranath Tagore and his view on nationalism and internationalism.</li> <li>◦ Relevance of Gandhian philosophy in contemporary world</li> </ul> |
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UPSC SYLLABUS	APPLIED ISSUES
<p style="text-align: center;">+</p> <p style="text-align: center;"><b>ANSWER WRITING</b></p>	<ul style="list-style-type: none"> <li>◦ Liberation of Bangladesh-A humanitarian crisis or 2 front war strategy</li> <li>◦ Vietnam Crisis: In context of Afghanistan</li> </ul>
... etc., Other topics to be covered in the class	
<b>GEOGRAPHY</b>	
<ul style="list-style-type: none"> <li>◦ <b>Salient features of world's physical geography</b></li> <li>◦ <b>Distribution of key natural resources across the world</b></li> <li>◦ <b>Factors responsible for the location of industries</b></li> <li>◦ <b>Important Geophysical phenomena</b></li> </ul> <p style="text-align: center;">+</p> <p style="text-align: center;"><b>ANSWER WRITING</b></p>	<ul style="list-style-type: none"> <li>◦ Himalayan Fault Lines and Seismic Gaps</li> <li>◦ Age of Earth's inner core revised</li> <li>◦ Issues with Diversion of River water for developmental projects</li> <li>◦ Issues and Impacts of Ken-Betwa project"</li> <li>◦ Arabian Sea Cyclones and the rise in frequency</li> <li>◦ Earthquake Observatories</li> <li>◦ Incidents of Lightning</li> <li>◦ Hurricanes and typhoons and their increasing frequency</li> <li>◦ The phenomenon of cloudbursts</li> <li>◦ Atlantic Meridional Overturning Circulation (AMOC) and its effect on Oceans</li> <li>◦ Marine Heatwaves</li> <li>◦ The increasing frequency and changing nature of Cyclones</li> <li>◦ Increasing lighting strikes, a cause of concern</li> <li>◦ Arctic Heatwaves</li> <li>◦ CO2 increase and intensity of the ENSO temperature cycle</li> <li>◦ Human-induced climate change</li> <li>◦ Amazon Forest Fire</li> <li>◦ Coral bleaching (Great Barrier Reef)</li> <li>◦ Interactions of Asian mineral dust with Indian summer monsoon and its impacts.</li> <li>◦ Desertification of Northeastern States</li> <li>◦ Blue Economy: Fisheries &amp; Seaweed Farming</li> <li>◦ India's Arctic Policy &amp; its impacts</li> <li>◦ Interconnected Disasters Risk</li> <li>◦ Problem of ageing dams in India</li> <li>◦ Coal Sector and Coal Crisis for Power Plants</li> </ul>



UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>◉ Ancient Bawadis and Water Management</li> <li>◉ Maritime Shipping: Economic And Environmental Challenges</li> <li>◉ Ailing Sugar Industries and Sugar Pricing Issues</li> <li>◉ Food Processing Sector- Key to agricultural Growth</li> <li>◉ Issues and effects of Palm oil cultivation industry in India</li> <li>◉ Geopolitics of Rare Earth elements and strategic minerals</li> <li>◉ Destruction of Sundarbans and its geographical impact</li> <li>◉ Assessment of geological feature of Lakshdweep</li> <li>◉ Bleaching of Great Barrier Reef and its effects on the environment</li> <li>◉ Issues concerning Delhi's Air pollution and solutions</li> <li>◉ Implications of tightening global air quality norms by WHO`</li> <li>◉ Northeastern states desertifying</li> <li>◉ Climate change and the 'Medicanes'</li> <li>◉ Relationship between ENSO and the atmospheric carbon dioxide</li> <li>◉ India's Draft Arctic Policy</li> <li>◉ Interconnected Disasters Risk</li> <li>◉ Marine Stranding Networks and India</li> <li>◉ Geodynamo paradox</li> <li>◉ Seamounts: Oases For Biodiversity</li> <li>◉ Ecosystem services of Marine And Coasts</li> <li>◉ The Oceans: An Inexhaustible Source Of Energy</li> <li>◉ The Impacts of Globalisation of the Maritime Economy</li> <li>◉ Issues with the Ship Recycling Industry and its sustainable solution</li> <li>◉ The paradox of the fishing industry's modernization and the fisheries' sustainability</li> <li>◉ Aquaculture's Geographic Structure and Volumes</li> <li>◉ Ocean Governance: A Fragmented Regulatory Framework</li> <li>◉ Regional Seas: Distribution; threats; and the protection</li> <li>◉ Large Marine Ecosystem Approach in the Western Indian Ocean</li> <li>◉ Natura 2000</li> </ul>

UPSC SYLLABUS	APPLIED ISSUES
	<ul style="list-style-type: none"> <li>◦ The Western Indian Ocean Region And The Coordinated</li> <li>◦ Fight Against Pollution</li> <li>◦ Illegal, Unreported And Unregulated (IUU) Fishing</li> <li>◦ Fish-landing quays: Sustainable Development Between Land And Sea</li> <li>◦ Marine Genetic Resources: The Patentability Of Living Organisms And Biodiversity Conservation</li> <li>◦ The Status Of High Seas Biodiversity In International Policy And Law</li> <li>◦ Ocean Iron Fertilization</li> <li>◦ The Arctic Governance Challenge</li> <li>◦ International Regulation Of Offshore Oil Drilling</li> <li>◦ The Pacific Trash Vortex and the Global Marine Plastic Debris Problem</li> </ul>
... etc., Other topics to be covered in the class	
<b>SOCIETY</b>	
<ul style="list-style-type: none"> <li>◦ <b>Salient features of Indian Society and Diversity in India</b></li> <li>◦ <b>Role of Women and Women's Organization</b></li> <li>◦ <b>Population and associated issues</b></li> <li>◦ <b>Poverty and Developmental issues</b></li> <li>◦ <b>Urbanization</b></li> <li>◦ <b>Effect of globalization on Indian Society</b></li> </ul>	<ul style="list-style-type: none"> <li>◦ India needs pluralism, not majoritarianism</li> <li>◦ Medical Termination of Pregnancy Act, 2021</li> <li>◦ Social Security and Issues</li> <li>◦ Increasing poverty in India</li> <li>◦ Mental Health in India</li> <li>◦ Alcoholism</li> <li>◦ Substance Abuse</li> <li>◦ The Gender Technology Gap</li> <li>◦ Feminist approach to technology</li> <li>◦ Ending manual scavenging and challenges</li> <li>◦ Religious Conversions and Laws</li> <li>◦ Regional Divide in Education</li> <li>◦ Minority Issues in Assam</li> <li>◦ Issues involving Transgender Persons</li> <li>◦ Digital Education in Rural India</li> <li>◦ Live - In Relationships</li> </ul>

UPSC SYLLABUS	APPLIED ISSUES
<ul style="list-style-type: none"><li>◦ <b>Social Empowerment</b></li><li>◦ <b>Communalism</b></li><li>◦ <b>Regionalism</b></li><li>◦ <b>Secularism</b></li></ul> <p style="text-align: center;">+</p> <p><b>ANSWER WRITING</b></p>	<ul style="list-style-type: none"><li>◦ Right to Negative Voting: An Evaluation in Indian Context</li><li>◦ Consensus on Caste-based census</li><li>◦ Casteism and Inter-caste Conflicts</li><li>◦ Ethnic Conflicts</li></ul>

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# GS-4

## Ethics Integrity & Aptitude

- **Ethics And Human Interface**
  - **Attitude**
  - **Aptitude And Foundational Values For Civil Service**
  - **Emotional Intelligence**
  - **Public/Civil Service Values And Ethics In Public Administration**
  - **Probity In Governance**
- +
- ANSWER WRITING**
- Investing for Value(s)
  - Conflicts of Responsibility: The Ethical Dilemma
  - Conflicts Between Private and Public Morality
  - Public Service Motivation and Moral Competence
  - The Unified Ethic and Moral Competence
  - Creating Public Value
  - Values-Based Leadership
  - Understanding Ethical Decision Making
  - Public Administration in Modern Society: The Context of Administrative Ethics
  - Administrative Responsibility: The Key to Administrative Ethics
  - Maintaining Responsible Conduct in Public Organizations
  - Social Values Are Essential to Public Administration
  - The Relation of Character to Ethical Decision Making
  - Public service delivery
  - Transparency in Emergency Use Authorization
  - Data transparency, Right to information, Dent on India's soft power
  - Capitalism v/s Communism
  - The Evil and Its Cure: Clientelism, Corruption, and Their Institutional Remedies
  - How Purposeful Companies Create Value
  - How Countries Can Build Value for All
  - Integrating Ethics with Organizational Norms and Structures
  - Safeguarding Ethical Autonomy in Organizations: Dealing with Unethical Superiors and Organizations
  - Silent Deaths during Covid
  - Clinical trials- Outsourcing and ethical concerns
  - Bed shortage-Hippocratic oath v/s Infrastructure constraint
  - Racism: continuity and changing forms

- Scientific temperament within society and values
- Ethics in digital world- bullying; fraud; phishing; copyrights etc.
- Biotechnology- advancement and Ethical battles
- Communal violence-Violation of preamble-Brotherhood & fraternity
- Genome India- Designer Baby
- Unemployment- Organizational Ethics
- Humans- a resource?
- Tribes and Environment: Development and Destruction
- Environmental ethics
- Role of Media and Ethical Issues
- Ethical and legal dilemmas around termination of pregnancy
- Perspectives of Values
- The Market Society and the Value of Nothing
- Values-Based Leadership
- How Countries Can Build Value for All
- Climate engineering
- Case for Animal Rights
- Artificial Means of Reproduction and Our Understanding of the Family
- Women's Labor is considered a commodity
- Speech Codes and Expressive Harm
- Moral illiteracy-Morality in education, moral philosopher and thinker on education
- Moral policing -Rights of adults v/s rights of children
- Fake drugs selling at high price-fall of morality in society
- Extinction of culture due to hyper-globalization
- Targeted Marketing by health Insurance
- Ethical Issues In Juvenile Justice
- Common Attitudes Toward Ethics in Public Administration
- Leaders in modern world- democratic leaders v/s other form of government leaders and virtue
- Economic inequality- Rising inequality post pandemic and ethical issues

- Inter caste, interfaith marriage- Tolerance towards other faiths and castes
- Homeless- Overlook of homeless by state welfare mechanism due to non-representation in the political sphere
- Governance and Values in Contemporary Public Service
- Contemporary Trends and Dilemmas of Administrative Ethics in the Developing World
- The Justification of Morality and the Behavior of Women
- Compassion portrayed by citizens during pandemic
- Migrant crisis- administrative apathy
- Emotional Intelligence and Inclusivity
- True signs of emotional intelligence: Empathy and kindness
- Role of emotional intelligence while dealing with public
- Conscientious Moral Conflict Within Organizations
- The Need For Ethical Judgment
- Cryptocurrency and Ethical Financial System
- Responsible AI-AI replacing Humans
- Vaccine sharing-Intellectual property rights issues, International Ethics
- Internet shutdown-Fundamental rights v/s National security
- Corporate governance
- Social media privacy- Right to privacy of individual with new IT guidelines
- Ethics and information technology
- Civil services reforms
- Vaccine nationalism- Vasudhev Kutubhakam v/s Vaccine Nationalism
- Business ethics in post covid world
- Integrating Ethics with Organizational Norms and Structures
- Safeguarding Ethical Autonomy in Organizations: Dealing with Unethical Superiors and Organizations

... etc., Other Topics To Be Covered In The Class

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# ESSAY WRITING

SESSION NO.	TOPICS
Session 1	<p><b>Introductory Session and Brain Storming Strategy:</b></p> <ul style="list-style-type: none"> <li>◦ Main demands and structure of an essay- concise, relevant, focused, analytical and effective write up</li> <li>◦ Art of making rough work &amp; How to develop a good structure</li> </ul> <p style="text-align: center;">+</p> <p><b>Rough Work Exercise</b></p>
Session 2	<p><b>Defining the topic, Main ideas and details through examples of Philosophical Topics</b></p> <p style="text-align: center;">+</p> <p><b>Brainstorming Exercise on Philosophical Topics</b></p>
Session 3	<b>How to Develop Critical Thinking in Essay Writing</b>
Session 4	<b>How to write Philosophical Essay</b>
Session 5	<b>Pre Test Doubt Clearing Session</b>
Session 6	<b>Test-1: Philosophical Topic 1</b>
Session 7	<b>Discussion - Test 1</b>
Session 8	<b>Essay Writing Strategy Revision Session</b>
Session 9	<b>Test-2: Philosophical Topic 2</b>
Session 10	<b>Discussion - Test 2</b>
Session 11	<b>Review Session on Content and Crafting for an Effective Essay</b>
Session 12	<b>Test-3: Contemporary Issue-based Topic 1</b>



<b>SESSION NO.</b>	<b>TOPICS</b>
Session 13	Discussion - Test 3
Session 14	How to Write Essay on Contemporary Issues
Session 15	Test-4: Contemporary Issue-based Topic 2
Session 16	Discussion - Test 4
Session 17	<p><b>Discussion on:</b></p> <ul style="list-style-type: none"> <li>◦ How to maintain focus and relevance?</li> <li>◦ How to sequence the contents and arguments</li> <li>◦ How to maintain organic linkage?</li> </ul>
Session 18	Test 5 - Full Mock
Session 19	Discussion - Test 5
Session 20	Test 6 - Full Mock
Session 21	Discussion - Test 6
Session 22	Discussion on Common Mistakes
Session 23	Test 7 - Full Mock
Session 24	Discussion - Test 7
Session 25	Test 8 - Full Mock
Session 26	Discussion - Test 8
Session 27	Test 9 - Full Mock
Session 28	Discussion - Test 9
Session 29	Test 10 - Full Mock
Session 30	Discussion - Test 10

# TEST SERIES

## REVISION TEST

TEST NO.	TOPICS
Test 1	History, Culture, PIC & World History
Test 2	Geography
Test 3	Constitution and Polity
Test 4	Governance & social Justice
Test 5	IR
Test 6	Economy
Test 7	Science & Technology
Test 8	Environment
Test 9	Internal Security + Disaster management
Test 10	Ethics

## APPLIED GS TESTS (AFTER PRELIMS )

Test 11	Indian Economy
Test 12	Polity and IR
Test 13	Governance and Society
Test 14	Science and Technology and Internal Security
Test 15	Environment and Disaster Management
Test 16	Applied Ethics

## MOCK TESTS (AFTER PRELIMS)

Test 17	Mock -1: GS Paper 1
Test 18	Mock -2: GS Paper 2
Test 19	Mock -3: GS Paper 3
Test 20	Mock -4: GS Paper 4
Test 21	Mock -5: GS Paper 1
Test 22	Mock -6: GS Paper 2
Test 23	Mock -7: GS Paper 3
Test 24	Mock -8: GS Paper 4
Test 25	Mock 9 (Essay)
Test 26	Mock 10 (Essay)