



ANSWER WRITING MENTORSHIP PROGRAMME

GEOGRAPHY QAA

COMPLETE SYLLABUS through
CONCEPT CLASSES, ANSWER WRITING
& MENTORSHIP



MARCH, 2024

10 09:00 AM



- **3** Level of Tests for Gradual Improvement
 - o 14 Topical Tests (10 Questions)
 - 02 Sectional Tests (20 questions)
 - 04 Full Mock Tests(As per UPSC standard)
- 5⁺ Hrs (10 Sessions) of PYQs Discussion
- **I** 30⁺ Hrs of Topical Test Discussion and Post-Test Mentorship Sessions for Marks Improvement



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Mentor: ANURAG PATHAK & KRISHNA GUPTA



PROGRAMME FEATURES

01

APPROACH & TREND ANALYSIS SESSIONS

It will focus on orienting the students with Paper 1 & 2 and the methodology required as per the demands of the UPSC.

02

CONCEPT BUILDING & ANSWER WRITING APPROACH

65+ Hrs Emphasis on Conceptual building, Clarity and Answer Writing Approach for Paper 1 & 2.

03

COMPLETE GEOGRAPHY SYLLABUS COVERAGE

Through **20+ Tests & 250+ Questions**, entire Geography Syllabus will be covered.

04

PERSONALISED MENTORSHIP

The Post-Test Mentorship Session will be conducted after each Topical Test for conceptual clarity, marks improvement and personalized feedback.

05

PYQs DISCUSSION

Topic-wise PYQ Discussions to under the trend of a particular topic.

06

ANSWER WRITING PRACTICE SKILLING

Designed to enhance the skill of articulating answer in sync with the conceptual requirement of the question.

07

GRADUAL ASSESSMENT & IMPROVEMENT

For gradual improvement and revision, the programme is divided into Topical Tests, Sectional Tests and Full Mock Tests.



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SESSION PLAN

PHYSICAL GEOGRAPHY

| SESSION | TOPICS |
|--------------------------------------|---|
| APPROACH CLASS: 01 21 MARCH, 2024 | Approach to Geography Optional (Paper: 1) |
| APPROACH CLASS: 02 22 MARCH, 2024 | Approach to Geography Optional (Paper: 2) |
| TREND ANALYSIS 23 MARCH, 2024 | Trend Analysis of Geo Optioanl (Paper 1&2) |
| | 1. CLIMATOLOGY |
| CONCEPT CLASS: 01 26 MARCH, 2024 | Heat budget of the earth; Temperature and pressure belts of the world; Atmospheric Circulation; Planetary and local winds; |
| CONCEPT CLASS: 02 27 MARCH, 2024 | Monsoons and jet streams; Physical Setting (Paper II): Mechanism of Indian monsoons and rainfall patterns, Monsoon - New monsoon forecast model, role of Asian desert dust over Indian summer monsoon, monsoon shifts |
| CONCEPT CLASS: 03 02 APRIL, 2024 | Atmospheric stability and instability; Air masses and frontogenesis: temperate and tropical cyclones; |



| SESSION | TOPICS |
|----------------------------------|---|
| | Types and distribution of precipitation; Hydrological cycle; Physical Setting (Paper II): Tropical cyclones and western disturbances (India); Physical Setting (Paper II): Floods and droughts (India); Cyclone Amphan Tropical cyclones move closer to land except for Atlantic hurricanes Increasing lighting strikes a cause of concern for the world Floods in Europe and lessons for India Flood management – with special reference to India-Nepal, GLOF Flash droughts in India |
| CONCEPT CLASS: 04 03 APRIL, 2024 | Koppen's, Thornthwaite's and Trewartha's classification of world climates; Global climatic change and role and response of man in climatic changes, Applied climatology and Urban climate 6th IPCC report Climate partnership with US Green contracts Net-Zero, Caron-neutrality (Why is it difficult for India to get to net zero), Climate justice Green era Kigali Amendment ratification India's Climate Performance Arctic Heatwave Arctic policy Draft of India Effect of climate on Pantanal world largest tropical wetland Changing Climate, Changing Ocean, Changing Planet |
| PYQ 05 APRIL, 2024 | PYQs Discussion: 01 |



| SESSION | TOPICS |
|-------------------------------------|--|
| TOPICAL TEST 07 APRIL, 2024 | Topical Test: 1 |
| 2 | 2. GEOMORPHOLOGY |
| CONCEPT CLASS: 05 08 APRIL, 2024 | Origin and evolution of the earth's crust; Physical conditions of the earth's interior; Fundamentals of geomagnetism; Sun's mid-life crisis Role of neutrinos in supernovas Jhuran Formation of Kutch |
| CONCEPT CLASS: 06 09 APRIL, 2024 | Continental Drift Seafloor Spreading Plate Tectonics |
| CONCEPT CLASS: 07 10 APRIL, 2024 | Vulcanicity; Earthquakes and Tsunamis; Contemporary Issues (Paper II): Environmental hazards: Landslides, Earthquakes, Tsunamis Vulnerability of North East India to large earthquakes Landslips in Himachal Pradesh, Nandi hills |
| POST TEST MENTORSHIP 13 APRIL, 2024 | MENTORSHIP SESSION: 01 |
| TOPICAL TEST 14 APRIL, 2024 | Topical Test: 2 |
| CONCEPT CLASS: 08 15 APRIL, 2024 | Recent views on mountain building; Geosynclines; Isostasy; |
| CONCEPT CLASS: 09 16 APRIL, 2024 | Factors controlling landform development; endogenetic and exogenetic forces; |



| SESSION | TOPICS |
|-------------------------------------|--|
| CONCEPT CLASS: 10 17 APRIL, 2024 | Concepts of geomorphic cycles and Landscape development; Denudation chronology; Channel morphology; Erosion surfaces; Slope development; |
| POST TEST MENTORSHIP 20 APRIL, 2024 | MENTORSHIP SESSION: 02 |
| TOPICAL TEST 21 APRIL, 2024 | Topical Test: 3 |
| CONCEPT CLASS: 11 22 APRIL, 2024 | Physical Setting (Paper II): Structure and relief; Drainage system and watersheds; Physiographic regions; |
| CONCEPT CLASS: 12 23 APRIL, 2024 | Applied Geomorphology: Geohydrology, economic geology and environment. |
| PYQ 26 APRIL, 2024 | PYQs Discussion: 02 |
| POST TEST MENTORSHIP 27 APRIL, 2024 | MENTORSHIP SESSION: 03 |
| TOPICAL TEST 28 APRIL, 2024 | Topical Test: 4 |
| | 3. OCEANOGRAPHY |
| CONCEPT CLASS: 13 29 APRIL, 2024 | Bottom topography of the Atlantic, Indian and Pacific Oceans; Temperature and salinity of the oceans; Heat and salt budgets Waves, currents and tides; Atlantic Meridional Overturning Circulation (AMOC) Marine Heat Waves |



| SESSION | TOPICS |
|------------------------------------|--|
| CONCEPT CLASS: 14 30 APRIL, 2024 | Marine resources: biotic, mineral and energy resources; Ocean deposits; India's deep ocean mission |
| CONCEPT CLASS: 15 01 MAY, 2024 PYQ | Coral reefs, coral bleaching; sea-level changes; law of the sea and marine pollution. UNCLOS and marine security Sea level rise Great Barrier Reef Bleaching Ocean Governance: A Fragmented Regulatory Framework The Arctic Governance Challenge The Western Indian Ocean Region And The Coordinated Fight Against Land-Based Sources Of Pollution |
| 03 MAY, 2024 | PYQs Discussion: 03 |
| POST TEST MENTORSHIP 04 MAY, 2024 | MENTORSHIP SESSION: 04 |
| TOPICAL TEST 05 MAY, 2024 | Topical Test: 5 |
| | 4. BIOGEOGRAPHY |
| CONCEPT CLASS: 16 06 MAY, 2024 | Genesis of soils; Classification and distribution of soils; Soil profile; Soil erosion, Degradation and conservation; Physical Setting (Paper II): Soil types and their distributions (India) Lakshadweep and coastal erosion |



| SESSION | TOPICS |
|-----------------------------------|---|
| | Factors influencing world distribution of plants and animals; |
| | Problems of deforestation and conservation measures; Wild life; |
| | Social forestry; agro-forestry; |
| | Major gene pool centres. |
| CONCEPT CLASS: 17 | Physical Setting (Paper II): Natural vegetation (India) |
| 07 MAY, 2024 | Contemporary Issues (Paper II): Changes in patterns of land use; Deforestation, desertification and soil erosion; |
| | Importance of Vultures to control disease outbreak |
| | Human-Elephant conflict -Bee fences |
| | Leatherback nesting sites could be overrun by Anda- mans development project |
| | Beema Bamboo: Oxygen Park, solution for climate change |
| PYQ 10 MAY, 2024 | PYQ Discussion: 04 |
| POST TEST MENTORSHIP 11 MAY, 2024 | MENTORSHIP SESSION: 05 |
| TOPICAL TEST 12 MAY, 2024 | Topical Test: 6 |
| 5. EN | VIRONMENTAL GEOGRAPHY |
| | Principle of ecology; |
| | Human ecological adaptations; Influence of man |
| CONCEPT CLASS: 18 | on ecology and environment; Global and regional ecological changes and imbalances; |
| 13 MAY, 2024 | Desert Locust Outbreak |
| | Amazon Wildfires |
| | Chinese Paddlefish Extinction |
| | Chamoli disaster- flash floods, Glacier collapse |



| SESSION | TOPICS |
|--------------------------------|---|
| | Wildfire- Dzukou Valley, Similipal Applying The Large Marine Ecosystem Approach In The Western Indian Ocean |
| CONCEPT CLASS: 19 14 MAY, 2024 | Ecosystem their management and conservation; Environmental degradation, management and conservation; Biodiversity and sustainable development; National Marine Turtle Action Plan 2021-26 New waves in marine conservation Integrated Development of Wildlife Habitats Biodiversity issues- Saving biodiversity, securing earth's future Contribution of Individual in Biodiversity Conservation: Cleaning of Vembanad lake by a paralysed man A Regional Approach To Marine Environmental Protection: The "Regional Seas" Experience |
| CONCEPT CLASS: 20 15 MAY, 2024 | Environmental policy; Environmental hazards and remedial measures; Environmental education and legislation. Contemporary Issues (Paper II): Ecological issues; Environmental degradation; Issues relating to environmental pollution; Contemporary Issues (Paper II): Principles of environmental impact assessment and environmental management Contemporary Issues (Paper II): Environmental awareness; Plastic pollution Destruction of Sundarbans, Sundarbans is now drowning in plastic Delhi's Air pollution Issues, solutions, smog tower, WHO tightens global air quality norms Role of Environmental regulators (in backdrop of EIA issues) |

10 IAS 2025



| SESSION | TOPICS |
|-----------------------------------|---|
| | Pandemic exposes weaknesses in India's disaster Management Response Furnace oil from Titanium factory spills into sea |
| PYQ 17 MAY, 2024 | PYQ Discussion: 05 |
| POST TEST MENTORSHIP 18 MAY, 2024 | MENTORSHIP SESSION: 06 |
| TOPICAL TEST 19 MAY, 2024 | Topical Test: 7 |
| POST TEST MENTORSHIP 25 MAY, 2024 | MENTORSHIP SESSION: 07 |
| SECTIONAL TEST 26 MAY, 2024 | SECTIONAL TEST 1: PHYSICAL GEOGRAPHY (COMPLETE PHYSICAL GEOGRAPHY) |

HUMAN & ECONOMIC GEOGRAPHY

| 6. PERSPECTIVES IN HUMAN GEOGRAPHY | |
|------------------------------------|--|
| CONCEPT CLASS: 21 27 MAY, 2024 | Areal differentiation; Regional synthesis; Dichotomy and dualism; |
| CONCEPT CLASS: 22 28 MAY, 2024 | Environmentalism; Quantitative revolution and behavioural approach radical, human and welfare approaches; |
| CONCEPT CLASS: 23 29 MAY, 2024 | Locational analysis; Languages, religions and secularisation; Cultural regions of the world; Human development index. |



| SESSION | TOPICS |
|------------------------------------|--|
| CONCEPT CLASS: 24 30 MAY, 2024 | Cultural Setting (Paper II): Historical Perspective of Indian Society; Cultural Setting (Paper II): Racial, linguistic and ethnic diversities; religious minorities; major tribes, tribal areas and their problems; Cultural Setting (Paper II): Cultural regions; |
| PYQ 01 JUNE, 2024 | PYQs Discussion: 06 |
| TOPICAL TEST 02 JUNE, 2024 | Topical Test: 8 |
| 7. ECONOMIC GEOGRAPHY | |
| CONCEPT CLASS: 25 03 JUNE, 2024 | World economic development: measurement and problems; World resources and their distribution; Resources (Paper II): Land, surface and groundwater, energy, minerals, biotic and marine resources; Water pollution Zero Liquid Discharge (ZLD) Jal Shakti Abhiyan: Catch the Rain Campaign Modernisation of fishing harbours India Energy Outlook 2021 OCEAN IRON FERTILISATION |
| CONCEPT CLASS: 26 04 JUNE, 2024 | Resources (Paper II): Forest and wildlife resources and their conservation; The limits to growth; Energy crisis; Resources (Paper II): Energy crisis Renewable energy - Clean energy One Nation One Gas Grid Geothermal Energy |



| SESSION | TOPICS |
|------------------------------------|---|
| | Solar Rooftop (SRT) System Profitable DISCOMS- key to Uninterrupted power supply Incentives for solar energy sector National Hydrogen Energy Mission (NHEM) Shutting down coal plants |
| CONCEPT CLASS: 27 05 JUNE, 2024 | World agriculture: typology of agricultural regions; Agriculture (Paper II): Agricultural regionalisation; agroclimatic zones; agro-ecological regions. |
| POST TEST MENTORSHIP 08 JUNE, 2024 | MENTORSHIP SESSION: 08 |
| TOPICAL TEST 09 JUNE, 2024 | Topical Test: 9 |
| CONCEPT CLASS: 28 10 JUNE, 2024 | Agricultural inputs and productivity; Agriculture (Paper II): Cropping pattern, agricultural productivity, agricultural intensity, crop combination, land capability; Agriculture (Paper II): Institutional factors: land holdings, land tenure and land reforms; Agriculture (Paper II): Infrastructure: irrigation, seeds, fertilizers, power; Changing Cropping Pattern Role of women farmers in Agriculture Overcoming Water challenge in agriculture Climate-resilient grains Environmental impact of Agricultural Subsidies |
| CONCEPT CLASS: 29 11 JUNE, 2024 | Food and nutrition problems; Food security; Famine: causes, effects and remedies; Contemporary Issues (Paper II): Population explosion and food security; Agriculture (Paper II): Green revolution and its socioeconomic and ecological implications; Agro and social-forestry; |



| SESSION | TOPICS |
|------------------------------------|--|
| | Agriculture (Paper II): Significance of dry farming; Livestock resources and white revolution; aqua - culture; sericulture, apiculture and poultry; Contemporary Issues (Paper II): Problems of agrarian unrest Dairy Farming: Methane Emission Blue Economy: Fisheries & Seaweed Farming National Mission on Edible Oil-Oil Palm (NMEO-OP) Palm oil cultivation Issues Community Forest Rights Issues with coffee production Sub-Mission on Fodder and Feed Bhartiya Prakritik Krishi Paddhati (BPKP) Government response of Food crisis during Covid-19 |
| CONCEPT CLASS: 30 12 JUNE, 2024 | World industries: locational patterns and problems; Industry (Paper II): Evolution of industries; Locational factors of cotton, jute, textile, iron and steel, aluminium, fertilizer, paper, chemical and pharmaceutical, automobile, cottage and agro-based industries; Industry (Paper II): Industrial regionalisation; Contemporary Issues (Paper II): Problems of industrial unrest; Food Processing Sector- Key to agricultural Growth Ailing Sugar Industries and Sugar Pricing Issues Changing nature of Automobile Industries in the backdrop of EV vehicles Two-wheeler electrification in India |
| CONCEPT CLASS: 31 13 JUNE, 2024 | Patterns of world trade. Transport, Communication and Trade (Paper II): Trade balance; Trade Policy; Export processing zones; Industry (Paper II): Industrial houses and complexes including public sector undertakings; Transport, Communication and Trade (Paper II): Road, railway, waterway, airway and pipeline networks and their complementary roles in regional development; Growing importance of ports on national and foreign trade; |



| SESSION | TOPICS | |
|------------------------------------|---|--|
| | Industry (Paper II): New industrial policies; Multinationals and liberalization; Special Economic Zones; Tourism including eco-tourism. Contemporary Issues (Paper II): Globalisation and Indian economy. Major Port Authorities Act, 2021 + Draft Indian Ports Bill, 2021 Regional Rapid Transit System Odisha's coastal highway AERA Act amendment – Way to boost up Air transport | |
| PYQ 14 JUNE, 2024 | PYQs Discussion: 07 | |
| POST TEST MENTORSHIP 15 JUNE, 2024 | MENTORSHIP SESSION: 09 | |
| TOPICAL TEST 16 JUNE, 2024 | Topical Test: 10 | |
| 8. POPULAT | 8. POPULATION AND SETTLEMENT GEOGRAPHY | |
| CONCEPT CLASS: 32 17 JUNE, 2024 | Concepts of over-, under- and optimum population; Population theories, world population problems and policies, Social well-being and quality of life; Malthusian, Marxian and Demographic Transition models; | |
| CONCEPT CLASS: 33 18 JUNE, 2024 | Growth and distribution of world population; Cultural Setting (Paper II): Growth, distribution and density of population; Demographic attributes; Cultural Setting (Paper II): Demographic attributes: sex ratio, age structure, literacy rate, work-force, dependency ratio, longevity; A step back in gender equality Role of advertisements in Gender equality Social and emotional learning | |



| SESSION | TOPICS |
|------------------------------------|---|
| CONCEPT CLASS: 34 19 JUNE, 2024 | Causes and consequences of migration; Cultural Setting (Paper II): Migration (inter-regional, intra- regional and international) and associated problems; |
| | Transport, Communication and Trade (Paper II): Developments in communication and information technology and their impacts on economy and society; Reverse Migration National migrant policy: A good first draft Cultural Setting (Paper II): Population problems and policies; Health indicators. Population as social capital COVID-19 Pandemic Lesson from China's One child policy |
| | UP Government Draft of two child policy Rising youth population |
| | Caste census Issues |
| POST TEST MENTORSHIP 22 JUNE, 2024 | MENTORSHIP SESSION: 10 |
| TOPICAL TEST 23 JUNE, 2024 | Topical Test: 11 |
| CONCEPT CLASS: 35 24 JUNE, 2024 | Types and patterns of rural settlements; Settlements (Paper II): Types, patterns and morphology of rural settlements; Environmental issues in rural settlements; |
| CONCEPT CLASS: 36 25 JUNE, 2024 | Hierarchy of urban settlements; Urban morphology: Concepts of primate city and rank-size rule; Functional classification of towns; Settlements (Paper II): Urban developments; Morphology of Indian cities; Functional classification of Indian cities; |



| SESSION | TOPICS |
|------------------------------------|---|
| | Sphere of urban influence; Rural urban fringe; Satellite towns; Settlements (Paper II): Conurbations and metropolitan regions; urban sprawl;. |
| CONCEPT CLASS: 37 26 JUNE, 2024 | Problems and remedies of urbanization; Settlements (Paper II): Slums and associated problems; town planning; Settlements (Paper II): Problems of urbanization and remedies. Sustainable development of cities Swachh Bharat 2.0 missions for urban areas Wetland mitras Roadmap to decongest urban road from Delhi's projects |
| PYQ 28 JUNE, 2024 | PYQs Discussion: 08 |
| POST TEST MENTORSHIP 29 JUNE, 2024 | MENTORSHIP SESSION: 11 |
| TOPICAL TEST 30 JUNE, 2024 | Topical Test: 12 |
| 9. REGION | AL DEVELOPMENT AND PLANNING |
| CONCEPT CLASS: 38 01 JULY, 2024 | Concept of a region; Types of regions and methods of regionalisation; Perroux and Boudeville; Growth centres and growth poles; |
| CONCEPT CLASS: 39 02 JULY, 2024 | Political Aspects (Paper II): State reorganisation; Emergence of new states; Regional consciousness and interstate issues; Regional Development and Planning (Paper II): Experience of regional planning in India; Five Year Plans; |



| SESSION | TOPICS |
|------------------------------------|---|
| | Regional Development and Planning (Paper II): Multi- level planning; |
| | Regional Development and Planning (Paper II): Panchayati Raj and decentralised planning; |
| CONCEPT CLASS: 40 03 JULY, 2024 | Regional imbalances; |
| | Regional Development and Planning (Paper II): Integrated rural development programmes; |
| | Regional Development and Planning (Paper II): Command area development; Watershed management; |
| | The problem of ageing dams |
| | Mekedatu project controversy |
| | Regional Development and Planning (Paper II): Planning for backward area, desert, drought prone, hill, tribal area development; |
| | Regional Development and Planning (Paper II): Regional planning and development of island territories. |
| | Contemporary Issues (Paper II): Regional disparities in economic development; |
| | JalJeevan Mission |
| | Sustainable Development of Little Andaman Island |
| CONCEPT CLASS: 41 | Island Development- Lakshadweep's draft rules |
| 04 JULY, 2024 | School education system- Performance Grading Index (PGI) |
| | Environmental issues in regional planning; |
| | Planning for sustainable development. |
| | Contemporary Issues (Paper II): Concept of sustainable growth and development; |
| | National climate vulnerability assessment |
| | NITI Aayog's 2020 SDG Index |
| | States performance in education, health and clean energy |
| PYQ | PYQs Discussion: 09 |
| 05 JULY, 2024 | |

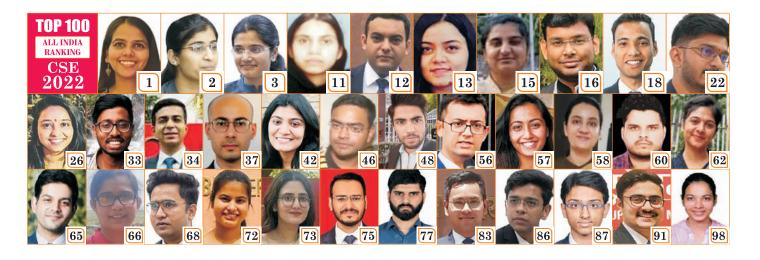


| SESSION | TOPICS | |
|--|---|--|
| POST TEST MENTORSHIP 06 JULY, 2024 | MENTORSHIP SESSION: 12 | |
| TOPICAL TEST 07 JULY, 2024 | Topical Test: 13 | |
| 10. MODELS, THEORIES AND LAWS IN HUMAN GEOGRAPHY | | |
| CONCEPT CLASS: 42 08 JULY, 2024 | System analysis in Human Geography; Central Place theories of Christaller and Losch; Von Thunen's model of agricultural location; Weber's model of industrial location; Rostov's model of stages of growth. | |
| CONCEPT CLASS: 43 09 JULY, 2024 | Heart-land and Rimland theories; Laws of international boundaries and frontiers. Physical Setting (Paper II): Space relationship of India with neighboring countries; | |
| CONCEPT CLASS: 44 10 JULY, 2024 | Political Aspects (Paper II): International boundary of India and related issues; Political Aspects (Paper II): Cross border terrorism; Political Aspects (Paper II): India's role in world affairs; Political Aspects (Paper II): Geopolitics of South Asia and Indian Ocean realm. Indian Ocean Geo-politics SAGAR New rules governing power trade across its borders Quad Maritime Security China's claim of south china sea as territorial water | |
| PYQ 12 JULY, 2024 | PYQs Discussion: 10 | |

| SESSION | TOPICS | |
|------------------------------------|---|--|
| POST TEST MENTORSHIP 13 JULY, 2024 | MENTORSHIP SESSION: 13 | |
| 12 | 2. MISCELLANEOUS ISSUES | |
| CONCEPT CLASS: 45 15 JULY, 2024 | Political Aspects (Paper II): Geographical basis of Indian federalism; Transport, Communication and Trade (Paper II): Indian space programme. Contemporary Issues (Paper II): Linkage of rivers; Diversion of River water for developmental projects-Experts flag diversion of fresh water from Brahmani river River Interlinking, A huge, costly mistake: Ken-Betwa project River-interlinking, Solution or problem | |
| TOPICAL TEST 21 JULY, 2024 | Topical Test: 14 | |
| POST TEST MENTORSHIP 27 JULY, 2024 | MENTORSHIP SESSION: 14 | |
| SECTIONAL TEST 28 JULY, 2024 | SECTIONAL TEST 02: HUMAN & ECONOMIC GEOGRAPHY | |
| AFTER PRELIMS | | |
| Mock - 1 | PAPER - 1 (COMPLETE SYLLABUS) | |
| Mock - 2 | PAPER - 2 (COMPLETE SYLLABUS) | |
| Mock - 3 | PAPER - 1 (COMPLETE SYLLABUS) | |
| Mock - 4 | PAPER - 2 (COMPLETE SYLLABUS) | |







SUCCESS IS A PRACTICE WE DO!

