

**DIRECTION INSTITUTE FOR IAS**  
*Ultimate Learning Experience Pvt. Ltd.*  
*New Delhi – 110 005*

**TEST SERIES PROGRAMME (TSP)**  
**GEOGRAPHY OPTIONAL EXAM**  
**TEST SERIES - 2019**

**Online Admissions for Classroom and Online Test Series opens  
from 1st October 2018**

**Registration Fee: 100/-**  
**www.directionias.com**

**TEST SCHEDULE ONLINE / CLASS ROOM**

<b>PAPER – I</b>			
<b>Test No.</b>	<b>Topics</b>	<b>Date</b>	<b>Discussion</b>
Test – 1	<b>Geomorphology + Climatology</b> Process - endogenic and exogenic, Isostasy, slope development, erosional cycles, approaches to land form study, application of geomorphology, geomagnetism - element of weather & climate, precipitation pattern, role and response of man to climate change, important weather mechanism, climate regions of world, geomorphic agents.	21/10/2018	24/10/2018
Test – 2	<b>Environment + Biogeography + Oceanography</b> Lithosphere, Hydrosphere, Atmospheric components and their inter links, ocean movements, Physical Prosperities of water, Hypsometric curve, Tidal Mechanism, Sea level changes. All aspects of physical environment, with their interrelation, Biomes, biodiversity, climate change and related issues	28/10/2018	31/10/2018
Test – 3	<b>Complete Physical</b> - All aspects of physical environment, with their interrelation,	04/11/2018	07/11/2018
Test – 4	<b>Population / Settlements/ Thought</b> - Demographic attributes, location characteristics of human settlement, Population and food security. Human	11/11/2018	14/11/2018

	development and related issues, paradigms in Geography-both ideological and methodology. Including Models		
Test – 5	<b>Economic and Regional Geography</b> - Resource distribution, economic development (Agriculture/Industrial),Regional planning and development Regional imbalances, strategies, Growth pole concept, its implications, all models and theories of human geography and its application	18/11/2018	21/11/2018
<b>PAPER - II</b>			
Test – 6	<b>Physical Setting &amp; Resources</b> - Entire range of Physical attributes of India, relief ,Climate, drainage, biogeography provinces, biodiversity related issues, climate change causes and mitigation, resources base - exploration, distribution and environmental concerns relating to it.	25/11/2018	28/11/2018
Test – 7	<b>Demographic Settlement</b> - Demographic attributes, socio-cultural aspect, gender related issues, demographic planning, demographic revolution, food security, settlement orders, rural-urban settlement challenges and planning	02/12/2018	05/12/2018
Test – 8	<b>Agriculture/Industries/ Trade</b> - Economic aspects of India, agriculture development, planning, prospects and problem, Nature of industrial growth, CPSEs, MSMES and their role in inclusive development transport, Communication links development, sustainable development	09/12/2018	12/12/2018
Test – 9	<b>Contemporary/ Political Geography/ Regional Geography</b> Decentralized planning, backwards area planning, rural development, Role of PRIs, Geopolitical aspects in Global regional and international perspective.	16/12/2018	19/12/2018
<b>Test – 10</b>	Comprehensive Paper-I	23/12/2018	26/12/2018
<b>Test – 11</b>	Comprehensive Paper-II	30/12/2018	02/01/2019

## FEATURES OF TEST SERIES PROGRAMME TSP (MAIN) OPTIONAL – 2019

### CLASS ROOM TESTS

- Eleven scheduled tests will be conducted on Sundays and Tuesdays

• <b>Test Timings</b>	9:30 AM – 12.30 PM	Sundays
•	5:00 PM – 8:00 PM	Sundays

- Each test will be of 250 marks.
- The tests will be conducted on Question Cum-Answer Booklet (UPSC Pattern)
- **Explanatory discussion in class will be on Wednesdays (following the tests) at 1.00 PM**
- Recorded discussion will be uploaded on students' portal who fails to appear in class discussion.
- Enriched model answer will be provided on the day of discussion.
- Evaluated answer sheets will be returned on the subsequent tests.
- Comparative performance and ranking will be uploaded on the portal to help students judge their relative performance.
- Explanatory PRE TEST CLASS for Physical Human and Indian Geography will be provided for enrolled students.

<b>Fee – Rs. 13,500/-</b>	Old students – <b>Rs. 12,500/- (including GST @ 18%)</b>
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**Payment Mode :** Debit/Credit Card/Net Banking or Demand Draft in favour of 'DIRECTION INSTITUTE FOR IAS EXAMINATION' payable at New Delhi-110005.

### ONLINE TESTS

- Eleven scheduled tests will be conducted on Sundays.
- Explanation (recorded discussion) either audio or video, will be uploaded on portal.
- Enriched model answer will be uploaded on the following day of tests.
- Evaluated answer sheet will be mailed back to the students on their registered mail id.
- Comparative performance and ranking will be uploaded on the portal to help students judge their relative performance.

- Explanatory pre-test recording will be provided for Physical, Human and Indian Geography on the portal.
- **Fee – Rs. 13,500/- (including GST @ 18%)**

*# There can be rescheduling of tests/explanatory classes under unforeseen circumstances.*

*# Fees once paid is neither refundable nor adjustable under any circumstances.*

## **SYLLABUS FOR THE SCHEDULED TESTS**

### **Test – 1**

- Origin of Earth's crust
- Factors controlling landform development
- Endogenic and Exogenic forces
- Physical conditions of the Earth's interiors and geomagnetism
- Theories on endogenic forces
- Concepts of Geomorphic cycles
- Denudation, slope Development
- Channel Morphology
- Applied Geomorphology
- Heat Budget of Earth
- Temperature and Pressure belts
- Atmospheric stability and instability
- Atmospheric circulation
- Air Masses and frontogenesis
- Hydrological cycle
- Cyclonic Circulations
- Global climate types (Classification scheme)
- Applied Climatology

### **TEST - 2**

- Bathymetry – Atlantic, Pacific and Indian Oceans
- Physical properties of Ocean water
- Heat and salt budget
- Movements of Ocean water
- Marine Deposits and resources

- Coral reefs
- Laws of Seas
- Principle of Ecology
- Factors influencing distribution of plants and animals
- Genesis of soil, classification, distribution
- Environmental challenges and human ecological adaptations
- Environmental Education, Management and Conservation
- Environmental hazards
- Global ecological changes and imbalances

### **TEST - 3**

- All topics of Physical aspects paper -I and the interrelation

### **TEST - 4**

- Demographic attributes
- Growth and distribution of global population
- Causes and consequences of migration
- Population theories
- Social well being
- Population as social capital
- Concepts of over, under and optimum population
- Types and patterns of rural settlement
- Sustainable development of village and cities
- Hierarchy of urban settlements, Urban Morphology
- Functional classification of towns
- Urban sphere of influence
- Human Development Index
- Dichotomy and dualism in Geography
- Areal Differentiation and Regional synthesis
- Quantitative Revolution and Location Analysis
- Radical, Welfare, Human and Behavior Geography
- Cultural Regions of the World

## **TEST - 5**

- World Economic Development measures and problems
- World resources and distribution
- Limits to growth
- Energy crisis
- Agriculture types and regions
- Food and Nutrition problems
- Agriculture inputs and productivity
- Famine, food security
- World Industries – Patterns and problems
- Patterns of World trade
- Concept of Region and its types
- Methods of regionalization
- Growth centers' and growth poles
- Regional imbalances and development strategies
- Environment issues in regional planning and sustainable planning
- System analysis in human Geography
- Demographic theories
- Central Place Theory of Christaller, Losch, Perroux, Boudeville approaches
- Agriculture location Model
- Industrial location Model
- Rostov growth Model
- Heartland and Rimland theories
- Geopolitical ideas
- Laws of International boundaries and frontiers

## **TEST - 6**

- Structure and relief of India
- Drainage systems
- Physiographic regions
- Mechanism of monsoons and rainfall patterns
- Tropical cyclones and Western Disturbances
- Floods and Droughts
- Climatic Regions
- Natural vegetation, forest and wildlife resources
- Soil types and distribution

- Land and Water resources
- Energy and Mineral resources
- Biotic and Marine resources
- Conservation of resources

### **TEST - 7**

- Historical perspective of Indian society
- Racial, linguistic and ethnic diversities
- Major tribes, areas, problems
- Cultural regions of India
- Growth, distribution of Indian population
- Demographic attributes
- Work force and dependency ratio
- Migration, causes and consequences
- Population problems and policies
- Health indicators
- Types, pattern and morphology of rural settlements
- Urban development and problems
- Town planning
- Functional classification of Indian cities
- Conurbation and metropolitan regions
- Slums and associated problems
- Morphology of Indian cities
- Health indicators

### **TEST - 8**

- Agriculture infrastructure
- Institutional factors
- Cropping pattern
- Agricultural productivity, intensity
- Land capability
- Green Revolution and its impact
- Dry land farming
- Rainbow Revolution
- Agricultural Regionalization
- Agro climatic zones

- Location factors of Indian industries
- Cottage and agro based industries
- Industrial houses, complexes including CPSEs
- Industrial regionalization
- Multinationals and liberalizations
- Tourism, ecotourism
- Surface transport
- Pipeline network and their role in regional development
- Growth importance of seaports
- Trade Policy, Export processing zones
- Development in communication and information technology and its impact on economy
- Indian Space program

## **TEST - 9**

- Experience of regional planning in India
- Integrated rural development program
- Panchayati Raj and decentralized planning
- Command area development
- Watershed management
- Planning for backward areas
- Hill area, tribal area, desert, drought prone area
- Island territory development
- Geographic basis of Indian federalism
- State's reorganization
- Regional consciousness and inter-state issues
- International boundary of India and related issues
- Cross border terrorism
- India's role in world affairs
- Geopolitics of South Asia
- Indian Ocean realm
- Ecological issues, Environmental hazards – landslides, earthquakes, Tsunamis, flood, drought
- Epidemics
- Issues related to pollution
- Changes in patterns of land use
- Environment Impact Assessment, Management

- Environmental Degradation
- Problems of agrarian and industrial unrest
- Regional disparities in economic development
- Concept of sustainable growth
- Environmental awareness
- Linkages of rivers
- Indian economy and globalization

### **TEST - 10**

- Complete Syllabus of Paper - I ( Comprehensive - 1)

### **TEST - 11**

- Complete Syllabus of Paper - II (Comprehensive - 2)

**NOTE** *Map Question will be with every Paper - II Tests*  
*Test discussion will be provided online only*  
*Supportive class and personal feedback will be at the centre*

**THRUST AREA OF TEST SERIES:** *The program orients towards*

- Writing skill enhancement
- Framing of answer with integration of diagrams
- Rational utilization of given time and space
- Comprehending the key terms of questions
- Integrating the facts and figures in logical manner
- Coherence in writing
- Flexibility in content presentation in absolute requirement of question

**PURPOSE OF TEST SERIES:**

- Help aspirants understand the demand of asked questions in UPSC exam effectively.
- Provide personal feedback (by Neetu Singh Madam ) to individual aspirants, to help them enhance their potentials
- Coverage of entire syllabus in logical time.
- Provision of quality improvement classes for enrolled students
- Targeting 2019 MAIN it will Provide aspirants sufficient time and opportunity to increase their potentials

## **SUGGESTED SOURCES**

- Physical geography – Strahler & Strahler,
- Geomorphology - Thornthwaite
- Oceanography - Sharma & Vatal
- Environmental geography – 12 Class NCERT ,Our Class Notes, MoEFCC Report
- Fundamental of Geographical thought – S. Adhikari
- Economic geography – Hartshorne & Alexander
- Economic & Social geography – Made Simple (Rupa Publication)
- Geography of India – Khullar/India Year Book/ Niti Ayog Report /PIB
- Urbanisation and Urban Systems -R. Ramachandran
- Orient Blackswan/Oxford Indian Atlas.