

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

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

**Online Admissions for Classroom and Online Test Series opens  
from 10 June 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          | Principles of Physical Geography<br>Principles of Physical Geography<br><b>(Repeated Test)</b> | 01/07/2018<br>08/07/2018 | 04/07/2018<br>11/07/2018 |
| Test – 2          | Principles of Physical Geography   | 15/07/2018               | 18/07/2018               |
| Test – 3          | Fundamentals of Human Geography  | 22/07/2018               | 25/07/2018               |
| Test – 4          | Economic Geography and Regional<br>Planning  | 29/07/2018               | 01/08/2018               |
| Test – 5          | Models, Theories and Laws in Human<br>Geography  | 05/08/2018               | 08/08/2018               |
| <b>PAPER - II</b> |  |                          |                          |
| Test – 6          | Physical setting and Resource in India   | 12/08/2018               | 16/08/2018               |
| Test – 7          | Cultural setting and Settlement  | 19/08/2018               | 22/08/2018               |
| Test – 8          | Economic Aspects in India  | 26/08/2018               | 29/08/2018               |
| Test – 9          | Regional and Political Aspects   | 02/09/2018               | 05/09/2018               |
| Test – 10         | <b>Comprehensive Paper-I</b>   | 09/09/2018               | 12/09/2018               |
| Test – 11         | <b>Comprehensive Paper-II</b>  | 16/09/2018               | 19/09/2018               |

**FEATURES OF TEST SERIES PROGRAMME**  
**TSP (MAIN) OPTIONAL – 2018**

**CLASS ROOM TESTS**

- Eleven scheduled tests will be conducted on Sundays and Tuesdays

|                       |                      |                                 |
|-----------------------|----------------------|---------------------------------|
| • <b>Test Timings</b> | 9:00 AM – 12.00 Noon | Sundays                         |
|                       | 12:30 PM – 3:30 PM   | Sundays                         |
|                       | 5:00 PM – 8:00 PM    | Sundays                         |
|                       | 1:00 PM – 4:00 PM    | Tuesdays (Repeat Test Day/Time) |

- 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.

**Fee – Rs. 13,500/-      Old students – Rs. 12,500/- (including GST @ 18%)**

**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

### PAPER - 1

- Test – 1**  
(01/07/2018  
&  
08/07/2018)
- 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
  - 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

- Test – 2**  
(15/07/2018)
- 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
  - 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**  
(22/07/2018)
- 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 Locational Analysis
  - Radical, Welfare, Human and Behaviour Geography
  - Cultural Regions of the World

- Test – 4**  
(29/07/2018)
- 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 centres and growth poles
  - Regional imbalances and development strategies
  - Environment issues in regional planning and sustainable planning

- Test – 5**  
(05/08/2018)
- 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 Remland theories
- Geopolitical ideas
- Laws of International boundaries and frontiers

### **PAPER – II**

**Test – 6**  
(12/08/2018)

- 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
- 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 – 7**  
(19/08/2018)

- 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
- Locational 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 programme

**Test – 8**  
(26/08/2018)

- Experience of regional planning in India
- Integrated rural development programmes
- 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

- Test – 9**  
(02/09/2018)
- 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**  
(09/09/2018)
- Complete syllabus of Paper - I

- Test – 11**  
(16/09/2018)
- Complete syllabus of Paper - II

### **Important instructions for Online Test Programme**

1. Question-cum-Answer booklet will be sent on your mail id (not on portal).
2. On your Question-cum-Answer booklet, you must write Online Registration/Name/E-mail:  
Example: TSPO-0011999/ANURAG KUMAR/Email id
3. You need to download and print it in A4 size sheet.
4. After attempting the test, scan it (should be readable) and mail as PDF (one file) to [directionias2018@gmail.com](mailto:directionias2018@gmail.com) (not on portal).
5. Omit the pages not used.
6. The evaluated answer sheets will be mailed back.
7. Tests will be sent on Sundays after 10.00 AM.

8. Attempted Tests can be mailed by Wednesdays.
9. Model answer will be mailed as PDF file by Wednesday evening (following the test).
10. Discussion audio/video will be uploaded only on portal by Wednesday evening.

**Note:** DO NOT UPLOAD ANSWER SHEET ON PORTAL (It is only to be mailed at [directionias2018@gmail.com](mailto:directionias2018@gmail.com)).

### **SUGGESTED SOURCES**

- Physical geography – Strahler & Strahler,
- Geomorphology - Thornthwaite
- Environmental geography – 12 Class NCERT ,Our Class Notes
- Fundamental of Geographical thought – S. Adhikari
- Economic geography – Hartshorne & Alexander
- Economic & Social geography – Made Simple (Rupa Publication)
- Geography of India – Khullar/India Year Book
- Orient Blackswan/Oxford Indian Atlas.