

INDIAN CIVIL SERVICES EXAMINATION MAINS PREP GEOGRAPHY

UPSC SYLLABUS
20 MODULES • 204 CHAPTERS



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GEOGRAPHY CIVIL SERVICES MAINS PREPARATION COURSE



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GEOGRAPHY

PAPER I

PRINCIPLES OF GEOGRAPHY

Physical Geography

A-Geomorphology

A01-Factors Controlling Landform Development;

A02-Endogenetic And Exogenetic Forces;

A03-Origin And Evolution Of The Earth's Crusts;

A04-Fundamentals Of Geomagnetism;

A05-Physical Conditions Of The Earth's Interior;

A06-Geosynclines;

A07-Continental Drift;

A08-Isostasy;

A09-Plate Tectonics;

A10-Recent Views On Mountain Building;

A11-Volcanicity;

A12-Earthquakes And Tsunamis;

A13-Concepts Of Geomorphic Cycles And Land Scape Development;

A14-Denudation Chronology;

A15-Channel Morphology;

A16-Erosion Surfaces;

A17-Slope Development;

A18-Applied Geomorphology;

A19-Geomorphology, Economic Geology And Environment.

B-Climatology

B01-Temperature And Pressure Belts Of The World;

B02-Heat Budget Of The Earth;
B03-Atmospheric Circulation;
B04-Atmospheric Stability And Instability. Planetary And Local Winds;

B05-Monsoons And Jet Streams;

B06-Air Masses And Fronts;

B07-Temperate And Tropical Cyclones;

B08-Types And Distribution Of Precipitation;

B09-Weather And Climate;

B10-Koppen's Thornthwaite's And Trewartha's Classification Of World Climate;

B11-Hydrological Cycle;

B12-Global Climatic Change, And Role And Response Of Man In Climatic Changes

B13-Applied Climatology And Urban Climate.

C-Oceanography

C01-Bottom Topography Of The Atlantic, Indian And Pacific Oceans;

C02-Temperature And Salinity Of The Oceans;

C03-Heat And Salt Budgets, Ocean Deposits;

C04-Waves, Currents And Tides;

C05-Marine Resources;

C06-Biotic, Mineral And Energy Resources;

C07-Coral Reefs Coral Bleaching;

C08-Sea-Level Changes;

C09-Law Of The Sea And Marine Pollution.

D-Biogeography

- D01-Genesis Of Soils;
- D02-Classification And Distribution Of Soils;
- D03-Soil Profile;
- D04-Soil Erosion, Degradation And Conservation;
- D05-Factors Influencing World Distribution Of Plants And Animals;
- D06-Problems Of Deforestation And Conservation Measures;
- D07-Social Forestry, Agro-Forestry;
- D08-Wild Life;
- D09-Major Gene Pool Centres.

E-Environmental Geography

- E01-Principle Ecology;
- E02-Human Ecological Adaptations;
- E03-Influence Of Man On Ecology And Environment;
- E04-Global And Regional Ecological Changes And Imbalances;
- E05-Ecosystem Their Management And Conservation;
- E06-Environmental Degradation, Management And Conservation;
- E07-Biodiversity And Sustainable Development;
- E08-Environmental Policy;
- E09-Environmental Hazards And Remedial Measures;
- E10-Environmental Education And Legislation.

Human Geography: F-Perspectives In Human Geography

- F01-Areal Differentiation;
- F02-Regional Synthesis;
- F03-Dichotomy And Dualism;
- F04-Environmentalism;
- F05-Quantitative Revolution And Locational Analysis;
- F06-Radical, Behavioural, Human And Welfare Approaches;
- F07-Languages, Religions And Secularisation;
- F08-Cultural Regions Of The World;
- F09-Human Development India.

G-Economic Geography

- G01-World Economic Development: Measurement And Problems;
- G02-World Resources And Their Distribution;
- G03-Energy Crisis;
- G04-The Limits To Growth;
- G05-World Agriculture: Typology Of Agricultural Regions;
- G06-Agricultural Inputs And Productivity;
- G07-Food And Nutrition's Problems;
- G08-Food Security;
- G09-Famine: Causes, Effects And Remedies;
- G10-World Industries: Location Patterns And Problems;
- G11-Patterns Of World Trade.

PROGRAM FEATURES

Our mission is to help you to master the CS Mains Geography Optional Syllabus with (1) Conceptual Understanding and (2) Knowledge of Details at the Micro Level to enable you to answer better and to maximise your score.

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H-Population And Settlement Geography

H01-Growth And Distribution Of World Population;
H02-Demographic Attributes;
H03-Causes And Consequences Of Migration;
H04-Concepts Of Over-Under-And Optimum Population;
H05-Population Theories, World Population Problems And Policies, Social Well-Being And Quality Of Life;
H06-Population As Social Capital.
H07-Types And Patterns Of Rural Settlements;
H08-Environmental Issues In Rural Settlements;
H09-Hierarchy Of Urban Settlements;
H10-Urban Morphology;
H11-Concept Of Primate City And Rank-Size Rule;
H12-Functional Classification Of Towns;
H13-Sphere Of Urban Influence; Rural-Urban Fringe;
H14-Satellite Towns;
H15-Problems And Remedies Of Urbanization;
H16-Sustainable Development Of Cities.

I-Regional Planning

I01-Concept Of A Region;
I02-Types Of Regions And Methods Of Regionalisation;
I03-Growth Centres And Growth

Poles;
I04-Regional Imbalances;
I05-Regional Development Strategies;
I06-Environmental Issues In Regional Planning;
I07-Planning For Sustainable Development.

J-Models, Theories And Laws In Human Geography

J01-System Analysis In Human Geography;
J02-Malthusian, Marxian And Demographic Transition Models;
J03-Central Place Theories Of Christaller And Losch;
J04-Perroux And Boudeville;
J05-Von Thunen's Model Of Agricultural Location;
J06-Weber's Model Of Industrial Location;
J07-Ostov's Model Of Stages Of Growth.
J08-Heartland And Rimland Theories;
J09-Laws Of International Boundaries And Frontiers.

...End of Paper-I...

For more resources on Geography, please visit our website www.Fhyzics-Education.in.

Geography Best Practices
Curated Articles & Videos
Geography Tips and Tricks
Blog Articles from Faculties
Amazon Links to Reference Books
Other Free Resources, NCERT etc.



GEOGRAPHY

PAPER II

GEOGRAPHY OF INDIA

K-Physical Setting

K01-Space Relationship Of India With Neighbouring Countries;
K02-Structure And Relief;
K03-Drainage System And Watersheds;
K04-Physiographic Regions;
K05-Mechanism Of Indian Monsoons And Rainfall Patterns;
K06-Tropical Cyclones And Western Disturbances;
K07-Floods And Droughts;
K08-Climatic Regions;
K09-Natural Vegetation, Soil Types And Their Distributions.

L-Resources

L01-Land, Surface And Ground Water,
L02-Energy, Minerals,
L03-Biotic And Marine Resources,
L04-Forest And Wild Life Resources
L05-And Their Conservation;
L06-Energy Crisis.

M-Agriculture

M01-Infrastructure: Irrigation, Seeds, Fertilizers, Power;
M02-Institutional Factors;
M03-Land Holdings, Land Tenure And Land Reforms;

M04-Cropping Pattern, Agricultural Productivity, Agricultural Intensity, Crop Combination, Land Capability;
M05-Agro And Social-Forestry;
M06-Green Revolution And Its Socio-Economic And Ecological Implications;
M07-Significance Of Dry Farming;
M08-Livestock Resources And White Revolution;
M09-Aqua-Culture;
M10-Sericulture, Agriculture And Poultry;
M11-Agricultural Regionalisation;
M12-Agro-Climatic Zones;
M13-Agro-Ecological Regions.

N-Industry

N01-Evolution Of Industries;
N02-Locational Factors Of Cotton, Jute, Textile, Iron And Steel, Aluminium, Fertiliser, Paper, Chemical And Pharmaceutical, Automobile, Cottage And Agro-Based Industries;
N03-Industrial Houses And Complexes Including Public Sector Underkings;
N04-Industrial Regionalisation;
N05-New Industrial Policy;
N06-Multinationals And Liberalisation;
N07-Special Economic Zones;
N08-Tourism Including Ecotourism.

Program includes periodic assessments & evaluations by Civil Servants.

O-Transport, Communication And Trade

001-Road, Railway, Waterway, Airway And Pipeline Net Works And Their Complementary Roles In Regional Development;
002-Growing Importance Of Ports On National And Foreign Trade;
003-Trade Balance;
004-Trade Policy;
005-Export Processing Zones;
006-Developments In Communication And Information Technology And Their Impacts On Economy And Society;
007-Indian Space Programme.

P-Cultural Setting

P01-Historical Perspective Of Indian Society;
P02-Racial Linguistic And Ethnic Diversities;
P03-Religious Minorities;
P04-Major Tribes, Tribal Areas And Their Problems;
P05-Cultural Regions;
P06-Growth, Distribution And Density Of Population;
P07-Demographic Attributes: Sex-Ratio, Age Structure, Literacy Rate, Work-Force, Dependency Ratio, Longevity;
P08-Migration (Inter-Regional, Interaregional And International) And Associated Problems;
P09-Population Problems And Policies;
P10-Health Indicators.

Q-Settlements

Q01-Types, Patterns And Morphology Of Rural Settlements;
Q02-Urban Developments;
Q03-Morphology Of Indian Cities;
Q04-Functional Classification Of Indian Cities;
Q05-Conurbations And Metropolitan Regions;
Q06-Urban Sprawl;
Q07-Slums And Associated Problems;
Q08-Town Planning;
Q09-Problems Of Urbanisation And Remedies.

R-Regional Development And Planning

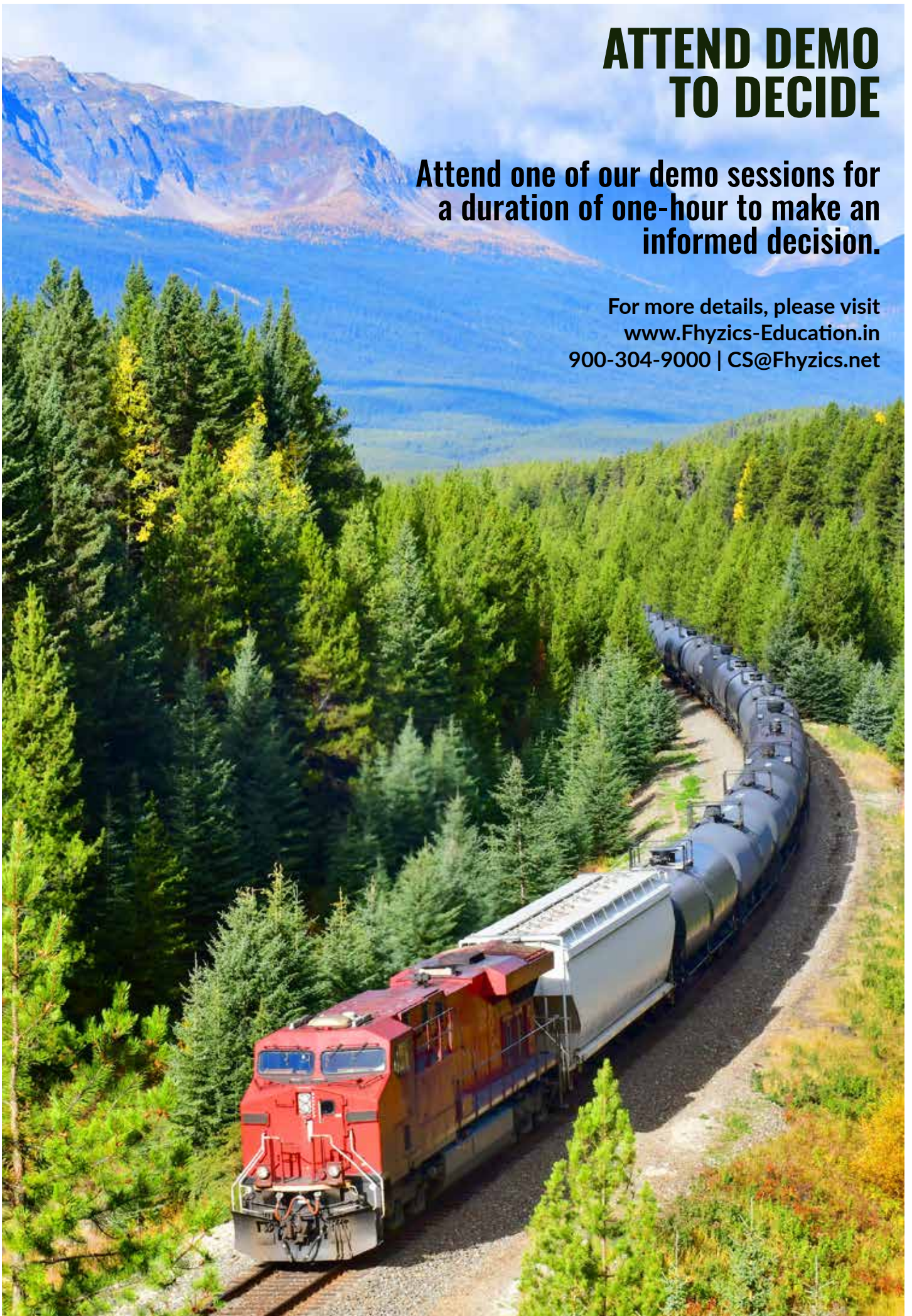
R01-Experience Of Regional Planning In India;
R02-Five Year Plans;
R03-Integrated Rural Development Programmes;
R04-Panchayati Raj And Decentralised Planning;
R05-Command Area Development;
R06-Watershed Management;
R07-Planning For Backward Area, Desert, Drought-Prone, Hill Tribal Area Development;
R08-Multi-Level Planning;
R09-Regional Planning And Development Of Island Territories.

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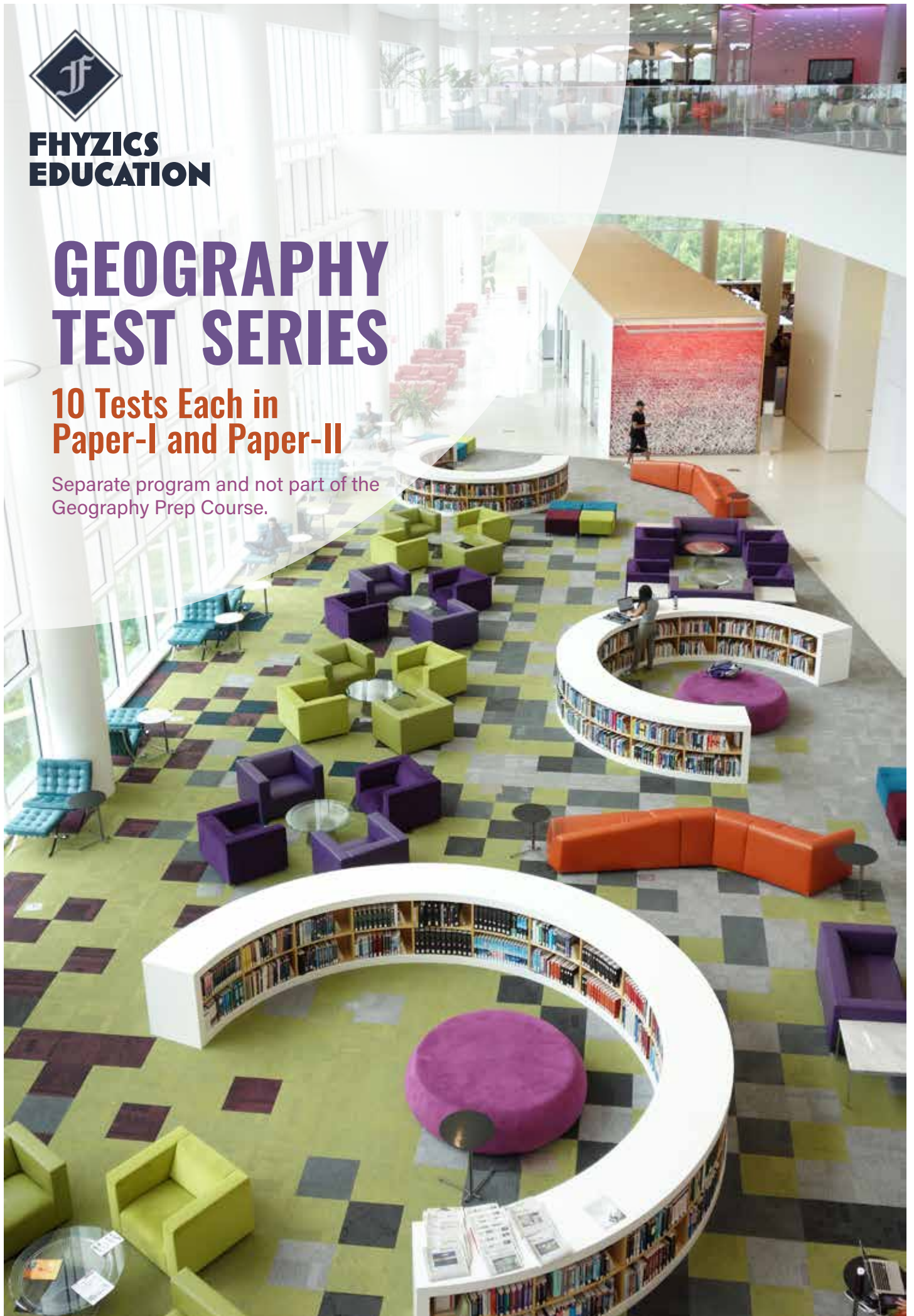


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S-Political Aspects

- S01-Geographical Basis Of Indian Federalism;
- S02-State Reorganisation;
- S03-Emergence Of New States;
- S04-Regional Consciousness And Inter-State Issues;
- S05-International Boundary Of India And Related Issues;
- S06-Cross-Border Terrorism;
- S07-India's Role In World Affairs;
- S08-Geopolitics Of South Asia And Indian Ocean Realm.

T-Contemporary Issues

- T01-Ecological Issues;
- T02-Environmental Hazards: Landslides, Earthquakes, Tsunamis, Floods And Droughts, Epidemics;
- T03-Issues Related To Environmental Pollution;
- T04-Changes In Patterns Of Land Use;
- T05-Principles Of Environmental Impact Assessment And Environmental Management;
- T06-Population Explosion And Food Security;
- T07-Environmental Degradation: Deforestation, Desertification And Soil Erosion;
- T08-Problems Of Agrarian And Industrial Unrest;
- T09-Regional Disparities In Economic Development;
- T10-Concept Of Sustainable Growth And Development;

- T11-Environmental Awareness;
- T12-Linkage Of Rivers;
- T13-Globalisation And Indian Economy.

•••End of Paper-II•••

About Fhysics-Education

Fhysics Education is an unit of Fhysics Business Consultants Pvt. Ltd. Fhysics Education coaches Civil Services aspirants aided by state-of-the-art Presentations, Learning Management System (LMS), Former Civil Servants, and Research.

Fhysics also offers professional certification programs in the domains of Supply Chain Management, Procurement, Business Analysis, and New Product Development.

Fhysics represents the following professional organisations in Indian Geography:

*Association for Supply Chain Management, USA
Chartered Institute of Procurement & Supply, UK
International Requirements Engineering Board, Germany
International Institute of Business Analysis, Canada
BCS, The Chartered Institute of IT, UK
Product Development and Management Association, USA.*

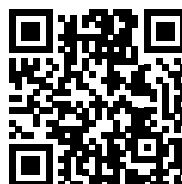
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Lead Faculty Profile

Venkadesh Narayanan

He is a Mechanical Engineer and an MBA with over 30 years experience in Consulting and Coaching Civil Services aspirants. He is a former member of Indian Civil Services (IRAS 2000 Batch) who opted for Geography and Psychology papers during his CS Mains.

Venkadesh Narayanan is serving as the Principal Consultant at Fhysics and holds professional certifications such as CSCP, CPIM, NPDP, CBAP, CPP, CPRE-FL, and PMI-PBA.



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