

SLST

IX-X and XI-XII

ভূগোল

LATEST QUESTION PATTERN



রাজ্যসত্ত্বের বিভিন্ন বিদ্যালয়ে শিক্ষক-শিক্ষিকা
নিয়োগের জন্য নির্বাচনি পরীক্ষা

Chapter Wise Contents,
Summary, MCQ - Mock Tests

ড. গার্গী চক্রবর্তী

অধ্যাপিকা, ভূগোল বিভাগ, প্রভু জগৎবন্থ কলেজ, হাওড়া

MCQ BASED



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GEOGRAPHY (IX-X)

A. Geo-Tectonics :

Earth's Crust (Composition and Layering) ; Rocks (Origin, Types and Characteristics); Folds and Faults (Types and Landforms); Mountain Building and Plate Tectonics; Earthquakes (Causes and Effects) and Volcanoes.

B. Geomorphology :

Weathering; Mass Wasting; Landform and Process (Fluvial, Glacial, Wind, Karst and Marine); Normal Cycle of Erosion; Rejuvenation.

C. Oceanography :

Continental Shelf and Slope; Ocean Current; Topography of Ocean Floor; Ocean Deposits; Resources of the Oceans; Salinity and Temperature of ocean water.

D. Climatology :

Composition of the Atmosphere; Elements and Factors of Climate; Insolation; Heat Belts; Pressure Belts; Planetary Wind System; Cyclones; Monsoon.

E. Biogeography :

Soils (Factors and Processes of Formation, Soil profile, Physical and Chemical Properties) World Soil Groups (Zonal, Azonal and Intra-Zonal); Soil Erosion and Conservation; Plants (Factors of Plant Growth, Major types of Natural Vegetation; Forest conservation.)

F. Environmental Geography :

Ecosystem (Principles and Components, Energy Flow, Food Chain, Food Web and Bio-geochemical Cycles); Environmental Degradation and Conservation; Meaning of Natural Environment; Man-Environment Relationship; Natural Regions and Environmental Adaptation of Human Life; Economy and Society.

G. Economic Resources :

Classification and Significance; Activity Components of Resource Utilization (Lumbering, Dairy Farming, Fishing, Mining, Power generation, Agriculture and Industry).

H. Human Resource :

Population (Growth, Distribution, Age-Sex Composition, Migration, Occupational composition Comparison between developed and developing nations).

I. Regional Geography of India :

Relief; Drainage; Climate; Soil; Forest resources; Power resources; Mineral Resources; Irrigation; Agriculture; Industry; Population; Trade and Transport; Basis of Regional divisions of India (Physical and Economic).

J. Statistical and Cartographic Techniques :

Scale; Cartographic Techniques of Representation; Topographical Map; Map Projection; Statistical Techniques.

সূচিপত্র

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পরিশিষ্ট

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SYLLABUS

Geography (XI-XII)

A. Geo-Tectonics :

Earth's Crust (Composition and Layering); Rocks (Origin, Types and Characteristics); Folds and Faults (Types and Landforms); Mountain Building and Plate Tectonics, Continental Drift, Isostasy, Earthquakes (Causes and Effects) and Volcanoes.

B. Geomorphology :

Lithology and Landform; Weathering; Mass Wasting; Evolution of Slope; Hydrological Cycle; Run-off, Landform and Process (Fluvial, Glacial, Wind, Karst and Marine); Cyclic and Non-Cyclic concepts; Landscape Evolution, Geomorphic hazards.

C. Geographical Thoughts :

Approaches to Geographical Studies (Deterministic, Possibilistic, Quantitative Revolution, Welfare, Social, Behavioral, Radical Schools, Functional, Structural, Materialistic, Ecological, Regional and Systematic); Concept of Space (Points, Distances, Interactions, Organization, Regions), Emergence of welfare geography.

D. Climatology :

Composition of the Atmosphere; Global Warming and possible consequences; Green House Effect, Elements and Factors of Climate; Insolation, Heat Belts; Pressure Belts; Planetary Wind System; Jet Stream; Humidity and precipitation; Cyclones and Anticyclones; Air mass; Monsoon; Thunderstorms; Climatic hazards, Climatic Classification—Koppen's and Thornthwait's Schemes.

E. Biogeography :

Soils (Factors and Processes of Formation, Soil Profiles, Physical and Chemical Properties); World Soil Groups (Zonal, Azonal and Intra-Zonal); Soil Erosion and Conservation; Plants (Factors of Plant Growth, Major Types of Natural Vegetation and Environmental Relations); Forest Conservation, Social forestry, Biodiversity, Animal Communities.

F. Environmental Geography :

Ecosystem (Principles and Components, Energy Flow, Food Chain, Food Web and Bio-geochemical Cycles); Biomes (Concepts, Types and Ecological Adaptation); Environmental Degradation and Hazards, Management and Conservation; Meaning of Natural Environment; Man-Environment Relationship; Natural Regions and Environmental Adaptation of Human Life; Economy and

Society.

G. Economic Geography :

Resources (Concept and Theories, Creating Factors and Processes, Classification, Utilization processes, technology and environment quality); Economic Resources (Classification and Significance); Forms of Economy; Activity Components of Resource Utilization (Lumbering, Dairy Farming, Fishing, Mining, Power Generation; Agriculture and Industry); Models of Economic System; Theories of Location of Economic Activity, Ranking of World Economics, WTO and International trade, Economic Disparity and social inequality; Sustainable development and impact of globalization.

H. Human Geography:

Population (Growth, Distribution, Age-Sex Composition, Occupational Resource; Characteristics of World's Human Resource; Theories of population growth, population growth, food security, unemployment, work participation, gender issues, social well being.

I. Regional Geography of India :

Relief; Drainage; Climate; Soil; Forest Resources; Mineral Resources, Power Resources; Irrigation; Agriculture, Industry; Population: Trade and Commerce, Transport, Basis of Regional Divisions of India (Physical and Economic), Concept, nature, Type, scale and dimensions.

J. Cartographic Techniques :

Scale; Techniques of Data Representation; Map-Classification and Interpretation, Thematic Mapping, Principles and Methods of Projection, Elementary Surveying and Levelling (Principles and Methods with Chain, Compass, Dumpy Level and Theodolite); Common Statistical Techniques for Geographical Data Analysis, Aerial Photo and Satellite Imagery interpretation; Remote Sensing and GIS.

Manner of Selection of Assistant Teacher

1.	Written Examination (MCQ Type)	55 (marks)
2.	Academic Qualifications Including Professional Qualification	35 (marks)
3.	Personality Test	10 (marks)