

NATIONAL PRIMA LENT OLYMPIAD EXAMINATIONS GEOGRAPHY

CLASS VI

1. THE EARTH – ITS GEOGRAPHICAL FEATURES

Locating places on the Earth.

- Latitudes [meaning, characteristics, important latitudes]
- Longitudes [meaning, characteristics, important longitudes]
- The Climatic Zones
- Time Zones

Weather and Climate.

- Difference between weather and climate
- Factors that affect climate of a place

Solar and Lunar Eclipses

- Definition of eclipse
- Solar Eclipse
- Lunar Eclipse

2. INDIA – A DIVERSE COUNTRY

- Map Work – locating neighboring countries of India and its capital
- Map Work – Locating the waterbodies surrounding India and its neighbors
- Climate of India
- Seasons of India (summer, winter and monsoon season)
- Natural Vegetation of India (Tropical Evergreen Forest, Deciduous Forest, Thorn and Scrub Forest, Mountain Vegetation)

3. THE ENVIRONMENT – MAJOR CONCERNS

Biotic and Abiotic Factors

- Natural disasters [earthquake, cyclones, floods, drought, volcanic eruptions, landslides]
- Effects and precautions related to natural disasters.
- Global warming

4. NATURAL RESOURCES

- Types of Resources – renewable and non-renewable
- Soil – Types, soil erosion, soil conservation
- Water Resources – Multipurpose project, water conservation
- Air – atmosphere, steps to prevent air pollution
- Wind Energy
- Plants and animals
- Solar energy
- Minerals – definition of mining, definition of ores, metallic and non-metallic minerals with examples
- Coal and Petroleum
- Conservation of mineral resources

5. AGRICULTURE IN INDIA

- Types of crops – food crops- (Wheat, Rice, Millets, Maize, Pulses), cash crops (oilseeds cotton, jute, sugarcane), Plantation crops (Tea, coffee, rubber) , Horticulture crops, Kharif crops, Rabi crops
- Problems in the agricultural sector
- Government Initiatives
- Livestock Rearing

6. REPRESENTATION OF GEOGRAPHICAL FEATURES

- Difference between map, sketch, plan and globe
- Globe – definition and its features
- Maps – definition, Importance of maps
- Types of maps on the basis of scale (large-scale and small-scale map)
- Types of maps on the basis of content (Physical, political and thematic maps)
- Language of maps – Title, Directions – Eight Cardinal points, keys or symbols, scale (Linear, representative fraction and verbal scale), grid system (Latitude and longitude)
- Diagrams with brief explanation [rivers, meanders, anticline, syncline, tributaries, distributaries, delta, block mountain]

7. LANDFORMS

- **Processes of formation – Exogenic and Endogenic forces**
- **Mountains** – Formation of mountains (**Folding, Faulting**), **Fold Mountain** (Features of young and old fold mountains with examples, distribution of major young and old fold mountains of the world), **Block Mountain's** formation with examples, **Volcanic Mountains** with examples
- **Valley** – Definitions with examples
- **Plateaus** – Definition with examples, Distribution of major plateaus in the world
- **Plains** – characteristics, types of plains (**Structural Plains and Depositional Plains**), distribution of plains in the world [plains of North America, Gangetic plains of India etc.]
- **The Cold Desert – Ladakh** – Location , climate, flora and fauna, people
- **Life in the Ganga-Brahmaputra Basin** – Location, Farming system, Vegetation cover, wildlife, industries

8. WATER BODIES

- **Hydrosphere** – five main oceans
- **Ocean life** – Importance of oceans
- **Characteristics of oceans** – Pacific Ocean, Atlantic Ocean, Indian Ocean, Arctic Ocean, Southern Ocean
- **Importance of oceans**
- **Major seas of the world** – Bering Sea, Caribbean Sea, The North Sea, Black Sea, Caspian Sea, Arabian Sea, The Red Sea, The Dead Sea, Aral Sea
- **Lakes** – definition and its importance
- **Major lakes of the world** – Lake Baikal, Lake Onega, Lake Titicaca, Great Lakes of North America, Lake Victoria, Chilika Lake
- **Rivers** – Definition and its importance
- **Major rivers of the world** – Mackenzie River, River Nile, River Ganga, River Indus, River Lawrence, River Mississippi, River Danube, River Amazon, River Rhine, River Yangtze, The Huang He River, The Murray- Darling River, The Ob River.