RECRUITMENT OF ASSISTANT TEACHERS AND NON-TEACHING STAFF (GOVT.) - 2021

SECONDARY SECTION (CLASSES IX - X)

SUBJECT: GEOGRAPHY

SYLLABUS

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 developingnations).

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.