

GEOGRAPHY TOPICS

1. OVERVIEW LESSON ON HOW TO PREPARE GEOGRAPHY FOR COMPETITIVE EXAMS

2. GEOMORPHOLOGY

- 2.1. OVERVIEW OF GEOMORPHOLOGY
- 2.2. UNIVERSE
- 2.3. PLANET EARTH(SHAPE,SIZE , LATITUDE AND LONGITUDE) AND EVOLUTION
- 2.4. GEOLOGICAL TIME SCALE
- 2.5. INTERIOR OF EARTH
- 2.6. SEISMIC WAVES
- 2.7. THEORIES- CONTINENTAL DRIFT , PLATE TECTONICS, SEA FLOOR SPREADING, CONVECTION CURRENT
- 2.8. DISASTERS(EARTHQUAKE, VOLCANOES, TSUNAMI)
- 2.9. ROCK TYPES AND ROCK CYCLE
- 2.10. EARTH MOVEMENTS
- 2.11. EXOGENETIC FORCES- WEATHERING AND EROSION
- 2.12. LANDFORMS(RIVERINE, DESERT, WIND, GLACIER, COASTAL AND KARST)
- 2.13. TYPES OF LANDFORMS (MOUNTAINS, PLATEAUS , LAKES ETC)

3. CLIMATOLOGY

- 3.1. OVERVIEW OF CLIMATOLOGY
- 3.2. ATMOSPHERE(ORIGIN, COMPOSITION,LAYERS OF ATMOPHERE)
- 3.3. TEMPERATURE BELTS(HORIZONTAL AND VERTICAL TEMPERATURE DISTRIBUTION)
- 3.4. TEMPERATURE INVERSION AND ITS TYPES
- 3.5. HEAT BUDGET OF EARTH
- 3.6. PRESSURE BELTS
- 3.7. WIND AND ITS TYPES
- 3.8. CONDENSATION AND FORMS OF CONDENSATION(CLOUDS, FOG, SMOG, MIST ,HAZE ETC)
- 3.9. PRECIPITATION AND ITS TYPES AND DISTRIBUTION
- 3.10. HYDROLOGICAL CYCLE
- 3.11. TROPICAL CYCLONES AND THUDERSTORMS
- 3.12. AIRMASS AND ITS TYPES
- 3.13. FRONTS AND ITS TYPES
- 3.14. TEMPERATE CYCLONE
- 3.15. JET STREAM AND ITS TYPES
- 3.16. CLIMATE REGIONS AND BIOMES
- 3.17. CLIMATE CHANGE AND OZONE HOLE

4. OCEANOGRAPHY

- 4.1. ORIGIN OF OCEAN AND TECHNIQUES FOR MAPPING OCEANS
- 4.2. OCEAN RELIEF
- 4.3. TEMPERATURE , SALINITY AND DENSITY DISTRIBUTION IN OCEANS
- 4.4. OCEAN CURRENTS
- 4.5. WAVES
- 4.6. TIDES
- 4.7. CORA REEFS AND CORAL BLEACHING
- 4.8. MARINE RESOURCES
- 4.9. OCEAN DEPOSITS
- 4.10. EL NINO /LA NINA

5. INDIAN PHYSICAL GEOGRAPHY

- 5.1. INDIA AS A GEOGRAPHICAL UNIT
- 5.2. ROCK SYSTEM OF INDIA
- 5.3. MAJOR PHYSICAL DIVISIONS OF INDIA
- 5.4. HIMALAYAS-FORMATION AND RANGES IN DETAIL
- 5.5. INDO GANGETIC PLAIN
- 5.6. PENINSULAR PLATEAU
- 5.7. COASTAL PLAINS
- 5.8. ISLANDS
- 5.9. RIVERS OF INDIA- HIMALAYAN AND PENINSULAR
- 5.10. INDIAN CLIMATE- MONSOON AND SEASONS
- 5.11. CLIMATIC REGIONS OF INDIA
- 5.12. SOIL GENESIS AND COMPOSITION OF SOIL,SOIL HORIZON AND SOIL TEXTURE
- 5.13. INDIAN SOIL TYPES
- 5.14. SOIL PROBLEMS AND THEIR CONSERVATION
- 5.15. INDIAN VEGETATION TYPE

6. INDIAN ECONOMIC GEOGRAPHY

- 6.1. MINERAL RESERVES (IRON, MANGANESE, BAUXITE ETC)
- 6.2. ENERGY RESERVES (RENEWABLE AND NON RENEWABLE)
- 6.3. INDUSTRIAL LOCATION
- 6.4. AGRICULTURE – CROPS(TYPES AND THEIR DISTRIBUTION)
- 6.5. TRANSPORT(ROADWAYS,RAILWAYS,AIRWAYS,PORTS ETC)

7. WORLD GEOGRAPHY

- 7.1. NORTH AMERICA
- 7.2. SOUTH AMERICA
- 7.3. EUROPE
- 7.4. AUSTRALIA
- 7.5. AFRICA
- 7.6. ASIA
- 7.7. ANTARTICA