



## Class-9 Geography

There will be one paper of two hours duration carrying 80 marks and Internal Assessment of 20 marks.

The question paper will consist of Part I and Part II. **Part I (compulsory)** will consist of **two** questions.

Question 1 will consist of short answer questions from the entire syllabus and Question 2 will consist of a question based on **World Map**.

**Part II.** Candidates will be required to choose any five questions.

Candidates will be expected to make the fullest use of sketches, diagrams, graphs and charts in their answers.

Questions may require answers involving the interpretation of photographs of geographical interest.

### Chapter-1 Our World:

- Earth as a planet • Geographic grid - Latitudes & Longitudes
- Rotation and Revolution

### Chapter-2 Structure of the Earth:

- Earth's Structure • Landforms of the Earth
- Rocks- difference between minerals and rocks, types of rocks: igneous, sedimentary, metamorphic, their characteristics and formation; rock cycle. • Volcanoes • Earthquakes • Weathering and Denudation



### **Chapter-3 Hydrosphere:**

- Composition and structure of the atmosphere. • Insolation
- Atmospheric Pressure and Winds. • Humidity

### **Chapter-4 Atmosphere:**

- Composition and structure of the atmosphere • Insolation
- Atmospheric Pressure and Winds • Humidity

### **Chapter-5 Pollution:**

- Types - air, water (fresh and marine), soil, radiation and noise.
- Sources • Effects - on the environment and human health
- Preventive Measures

### **Chapter-6 Natural Regions of the World:**

- Location, area, climate, natural vegetation and human adaptation.

### **Chapter-7 Map Work:**

On an outline map of the World, candidates will be required to locate, mark and name the following:

- The major Natural Regions of the world • The Oceans, Seas, Gulfs and Straits • Rivers • Mountain • Plateaus

## **INTERNAL ASSESSMENT**

### **PRACTICAL WORK/ PROJECT WORK**

1. A record file having any three of the following exercises will be maintained. (The file will be evaluated out of 10 marks).

(a) Uses of important types of maps.



- (b) Directions and how to identify them – an illustrative diagram.
  - (c) Reading and using statement of scale, graphic scale and scale shown by representative fraction method. (No drawing work, only explaining their meanings).
  - (d) Reading of one town guide map or an atlas map. (Recognising the symbols and colours used, identifying directions and distances).
  - (e) Drawing and recognising forms of important contours viz. valleys, ridges, types of slopes, conical hill, plateau, escarpment and sea cliff.
  - (f) Drawing at least one sketch map to organize information about visiting an important place, a zoo or a monument.
2. Candidates will be required to prepare a project report on any one topic. The topics for assignments may be selected from the list of suggested assignments given below. Candidates can also take up an assignment of their choice under any of the four broad areas given below. (The project will be evaluated out of 10 marks).

### **Suggested list of Assignments:**

- (a) **Weather records:** Maintaining and interpreting weather records as found in the newspaper for at least one season.
- (b) **Collection of data from secondary sources**  
(Using Modern techniques i.e GPS, Remote Sensing, Aerial Photography and Satellite imageries) : Preparing a Power Point presentation on current issues like – use of earth resources/  
development activities/dangers of development and ecological disasters like droughts, earthquakes, volcanoes, floods, landslides cyclones and tornadoes in the world.



(c) **Physical Features:** Collection of data from primary and secondary sources or taking photographs and preparing notional sketches of features found in the vicinity or areas visited during the year as a part of school activity.

(d) Find out the sources of pollution of water bodies in the locality and determine the quality of water. (e) Collect information on global environmental issues and problems and communicate your findings through appropriate modes (posters, charts, collages, cartoons, handouts, essays, street plays and PowerPoint presentation).

(f) **Area Studies:** Choosing any aspect from Section B (World Studies) and preparing a PowerPoint presentation or a write up on it.

(g) **Meteorological Instruments and their uses –**

Six's maximum and minimum thermometer, mercury barometer, aneroid barometer, wind vane, anemometer, rain gauge and hygrometer.