



# RUBY PARK PUBLIC SCHOOL

## SYLLABUS FOR THE ACADEMIC SESSION 2022-23

### Subject - Geography

### CLASS - XI

#### Fundamentals of Physical Geography [Part A]

Month	Unit	Topic	Sub Topic
April	I	Geography As a Discipline	Geography as an integrating discipline, as a science of spatial attributes. Branches of Geography: Physical Geography and Human Geography.
	II	The Earth	Origin and evolution of the earth; Interior of the earth.: Earthquakes and volcanoes: causes, types and effects. Distribution of oceans and continents: Wegener's continental drift theory and plate tectonics.
May - June	III	Landforms	Geomorphic processes: weathering; mass wasting; erosion and deposition; soil- formation. Landforms and their evolution - Brief erosional and depositional features
July	UT1		
August	IV	Climate	Atmosphere- composition and structure; elements of weather and climate. Insolation- angle of incidence and distribution; heat budget of the earth-heating and cooling of atmosphere (conduction, convection, terrestrial radiation and advection); temperature - factors controlling temperature; distribution of temperature- horizontal and vertical; inversion of temperature. Pressure-pressure belts; winds-planetary, seasonal and local; air masses and fronts; tropical and extratropical cyclones. Precipitation- evaporation; condensation-dew, frost, fog, mist and cloud; rainfall- types and world distribution. Climate and Global Concerns
Block Test 1			
September	V	Water	Basics of Oceanography

October -		(Oceans)	Oceans - distribution of temperature and salinity. Movements of ocean water-waves, tides and currents;
November			
UT2			
December	V	Water (Oceans)	submarine relief. Ocean resources and pollution
UT3			
January	VI	Life On Earth	Biosphere - importance of plants and other organisms; biodiversity and conservation.
Revision			
February	Block Test 2		
April	VII	Introduction	Location, space relations, India's place in the world
May and June	VIII A	Physiography	Structure And Relief; Physiographic Divisions
UT 1			
July	VIII B	Physiography	Drainage systems: Concept of river basins, watershed; the Himalayan and the Peninsular rivers
July And August	IX A	Climate	Weather And Climate - Spatial And Temporal Distribution Of Temperature. Indian Monsoon: Mechanism, Onset And Withdrawal,
Block Test 1			
September October November	IX B	Natural Vegetation	Natural vegetation-forest types and distribution; wild life; conservation; biosphere reserves
UT 2			
December	X	Natural Hazards	Floods, Cloudbursts . Droughts: types and impact.
UT 3			
January	X	Natural Hazards	Earthquakes and Tsunami. Cyclones: features and impact. Landslides
Revision			
February	Block Test 2		

Block Test 2 Syllabus as Per CBSE Specification Theory Paper 70 Marks + Practical Work 30 Marks

