



MAYO COLLEGE
Academic Curriculum - 2021-22
Subject - Geography
CLASS – XII

ASSESSMENT 1	ASSESSMENT 2	HALF YEARLY	PRE BOARDS
BOOK-1 HUMAN GEOGRAPHY (CHAPTERS 1 TO 8) BOOK-3 PRACTICAL GEOGRAPHY MAPS AND DIAGRAMS	BOOK-1 HUMAN GEOGRAPHY (CHAPTERS 9&10) BOOK-2 INDIA (CHAPTERS 1 TO 6) BOOK-3 PRACTICAL GEOGRAPHY SURVEY AND STATISTICS		BOOK-2 INDIA (CHAPTERS 7 TO 12) AND ALL THE CHAPTERS COVERED – COMPLETE SYLLABUS INCLUDING PRACTICALS



MAYO COLLEGE
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Subject – Geography CLASS – XI

ASSESSMENT 1	ASSESSMENT 2	HALF YEARLY	FINALS
<p>Unit-1 (Book-2) Introduction</p> <p>Location, space relations, India's place in the world</p>	<p>Unit-1 (Book-1) Geography as a Discipline</p>	<p>Unit-4 (Book-1) Climate</p> <p>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 extra tropical cyclones Precipitation-evaporation; condensation-dew, frost, fog, mist and cloud; rainfall-types and world distribution Climate and Global Concerns</p>	<p>Unit-4 (Book-2) Hazards and Disasters: Causes, Consequences and Management</p> <p>Floods, Cloudbursts Droughts: types and impact Earthquakes and Tsunami Cyclones: features and impact Landslides</p> <p>Book-3 (Practical Work)</p> <p>* In Final Exam complete syllabus (Syllabus covered in PA-1, PA-2, Half Yearly and Final Exam) will be assessed.</p>
<p>Unit-2 (Book-2) Physiography</p> <p>Structure and Relief; Physiographic Divisions Drainage systems: Concept of river basins, watershed; the Himalayan and the Peninsular rivers</p>	<p>Unit-2 (Book-1) The Earth</p> <p>Origin and evolution of the earth; interior of the earth Wegener's continental drift theory and plate tectonics Earthquakes and volcanoes: causes, types and effects</p>	<p>Unit-5 (Book-1) Waters (Oceans)</p> <p>Basics of Oceanography Oceans -distribution of temperature and salinity Movements of ocean water-waves, tides and currents; submarine reliefs Ocean resources and pollution</p>	
<p>Unit-3 (Book-2) Climate, Vegetation and Soil</p> <p>Weather and climate -spatial and temporal distribution of temperature, pressure winds and rainfall, Indian monsoon: mechanism, onset and withdrawal, variability of rainfalls: spatial and temporal; use of weather charts Natural vegetation-forest types and distribution; wild life; conservation; biosphere reserves Soils -major types (ICAR's classification) and their distribution, soil degradation and conservation</p>	<p>Unit-3 (Book-1) Landforms</p> <p>Rocks: major types of rocks and their characteristics Geomorphic processes: weathering; mass wasting; erosion and deposition; soil-formation Landforms and their evolution-Brief erosional and depositional features</p>	<p>Unit-6 (Book-1) Life on the Earth</p> <p>Biosphere -importance of plants and other organisms; biodiversity and conservation; ecosystem and ecological balance</p>	



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Subject - Physics
CLASS – X

PERIODIC ASSESSMENT – 1	PERIODIC ASSESSMENT - 2	PERIODIC ASSESSMENT – 3	PRE BOARD
Ch-1 (GEO) Resource and Development Ch-2 (GEO) Forest and Wildlife (To be covered in PA-1 only. Not to be assessed in Board Exam)	Ch-3 (GEO) Water Resource (To be covered in PA-2 only. Not to be assessed in Board Exam) Ch-4 (GEO) Agriculture	Ch-6 (GEO) Manufacturing Industries	Complete Syllabus (Geography)
Ch-1 (ECO) Development	Ch-5 (GEO) Minerals and Energy Resource	Ch-7 (GEO) Lifeline of National Economy	
			Complete Syllabus (Economics)
Ch-2 (ECO) Sectors of Indian Economy	Ch-3 (ECO) Money and Credit	Ch-4 (ECO) Globalisation of Indian Economy	



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CLASS – IX

ASSESSMENT 1	ASSESSMENT 2	HALF YEARLY	FINALS
India: Size and Location (Geo)	Drainage (Geo)	Poverty as a Challenge (Eco)	Natural Vegetation and Wild Life (Geo) & Population (Geo)+ Geography Full Syllabus
The Story of Village Palampur (Eco)	People as Resource (Eco)	Climate (Geo)	Food Security in India (Eco)+ Economics Full Syllabus
Physical Features of India (Geo)			



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Subject - Geography
CLASS – VIII

ASSESSMENT 1	ASSESSMENT 2	HALF YEARLY	FINALS
Resources <ul style="list-style-type: none"> • Types of resources • Resource conservation Sustainable development	Mineral and Power Resources <ul style="list-style-type: none"> • Types and distribution of resources Power resources	Human Resources <ul style="list-style-type: none"> • Distribution and density of population • Population change Population composition	Continent Study -Asia <ul style="list-style-type: none"> • Location and political division • Physical features • Climate • Map work
Land, soil, water, natural vegetation and wildlife resources Use and conservation of all the natural resources	Agriculture <ul style="list-style-type: none"> • Types of farming • Major crops Agricultural development	Continent study -Europe <ul style="list-style-type: none"> • Location & political division • Physical features of europe • Natural vegetation and wildlife Map work	Continent study -Africa <ul style="list-style-type: none"> • Location & political division • Physical features • Climate and vegetation • Wildlife & tribes Map work
	INDUSTRIES <ul style="list-style-type: none"> • Classification of industries • Factors affecting location of industries • Industrial system • Industrial regions Distribution of major industries		



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CLASS – VII

ASSESSMENT 1	ASSESSMENT 2	HALF YEARLY	FINALS
<p>ENVIRONMENT-</p> <ul style="list-style-type: none"> Environment Natural Environment (Lithosphere, Biosphere and Hydrosphere) Ecosystem <p>Human Environment and Barter System Diagrams</p>	<p>AIR-</p> <ul style="list-style-type: none"> Composition of atmosphere Greenhouse gas and global warming Structure of the atmosphere (Troposphere, stratosphere, mesosphere, thermosphere, exosphere) Weather and climate (Temperature, air pressure and wind, moisture) Cyclones Diagrams. 	<p>NATURAL VEGETATION AND WILDLIFE-</p> <ul style="list-style-type: none"> Natural vegetation and its classification (Forests, Grassland, shrubs) Forests (Tropical evergreen forest, tropical deciduous forest, temperate evergreen forests, temperate deciduous forest, Mediterranean forest, coniferous forest) Grassland (Tropical grassland, temperate grassland) Thorny bushes (tropical desert and tundra) Diagrams/map work 	<ul style="list-style-type: none"> NORTH AMERICA- Location & Political Division Physical features Map work Factors affecting the climate Climate regions and wildlife
<p>INSIDE OUR EARTH-</p> <ul style="list-style-type: none"> Interior of the earth Rocks and Minerals, Types of minerals Rock Cycle <p>Diagrams.</p>	<ul style="list-style-type: none"> WATER- Water cycle ,terrarium Distribution of water bodies Salinity Ocean circulation (waves, tides) Tsunami <p>Ocean currents (Diagrams/map work)</p>	<p>HUMAN ENVIRONMENT- SETTLEMENT, TRANSPORT AND COMMUNICATION-</p> <ul style="list-style-type: none"> Settlement (permanent and temporary) Compact and scattered settlement Transhumance Transport (Roadways, railways, waterways) Airways <p>Communication (personal and mass communication) Map work.</p>	<p>SOUTH AMERICA-</p> <ul style="list-style-type: none"> Location and Political Division Physical features Amazon (River and significance of the Rainforest) <p>Map Work</p>
<ul style="list-style-type: none"> OUR CHANGING EARTH- Lithospheric plates Endogenic forces (Sudden forces and diastrophic forces) Volcano, earthquake Exogenic forces(Erosional and depositional) Major landforms (work of river, work of sea waves, work of ice) <p>Diagrams.</p>	---	---	<p>AUSTRALIA-</p> <ul style="list-style-type: none"> Location and Political Division Physical Features Factors affecting Climate of Australia Natural Vegetation and Wildlife Map Work
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