

PATNA REGION

SPLIT UP SYLLABUS (SESSION 2017-18)

SUBJECT-GEOGRAPHY (029)

MAX MARKS-70 (One Theory Paper)

CLASS- XI

Practical Marks- 30

Months	Unit	Detail split up	Periods
		Part-A. Book- Fundamentals of Physical Geography Part-B. Book- India Physical Environment Part-C. Book- Practical Work	87 Periods 78 Periods 50 Periods
Jun & July	Unit 1	Geography as a Discipline <ul style="list-style-type: none">• Geography as an integrating discipline, as a science of spatial attributes.• Branches of Geography; Physical Geography and Human Geography• Scope and Career Options.	04 Periods
	Unit 2	The Earth <ul style="list-style-type: none">• 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. PRACTICAL Fundamentals of Maps. <ul style="list-style-type: none">• Geo spatial data, Concept of Geographical data matrix; Point, line, area data. Periodic Test1 First week of August	11 Periods 04 Periods
August	Unit 3	Landforms <ul style="list-style-type: none">• Rocks: major types of rocks and their characteristics.• Geomorphic processes: weathering, mass wasting, erosion and deposition; soil-formation.• Landforms and their evolution.	20 Periods
	Unit 7	BOOK- INDIA-PHYSICAL ENVIRONMENT Introduction <ul style="list-style-type: none">• Location, space relations, India's place in the world. Practical Maps-types; scales- types; construction of simple linear scale, measuring distance; finding direction and use of symbols.	04 Periods 06 Periods
September	Unit 4	CLIMATE (BOOK- Fundamentals of Physical Geography) <ul style="list-style-type: none">• Atmosphere- composition and structure; elements of weathering and climate.• Insolation- angle of incidence and distribution; heat budget of the earth- heating and cooling of the atmosphere (conduction, convection, terrestrial radiation and advection); temperature-factors controlling temperature; distribution of temperature- horizontal and vertical; inversion of temperature.	12 Periods

		<p>Satellite Communication</p> <ul style="list-style-type: none"> • Satellite imageries, stages in remote sensing data- acquisition, platform and sensors and data products, (photographic and digital). 	
January	Unit 6	<p style="text-align: center;">Periodic Test-2</p> <p>Biosphere Biosphere- importance of plants and other organisms; biodiversity and conservation; ecosystem and ecological balance.</p> <p>NOTE- Map Work on identification of features based on 1 to 6 units on the outline/ Physical/ Political map of the world.</p>	<p>10 Periods</p> <p>05 Periods</p>
February	Unit 10	<p>Hazards and Disasters: Causes, Consequences and Management</p> <ul style="list-style-type: none"> • Floods, cloudbursts • Droughts: types and impact • Earthquakes and Tsunami • Cyclones: Features and impact • Landslides <p>NOTE- Map Work of features based on above units locating and labelling on the outline/ Political/Physical map of India.</p> <p>Open Text Based Assessment</p> <p>PRACTICAL Use of weather instruments: thermometer, wet and dry- bulb thermometer, barometer, wind vane, rain gauge.</p> <p>Revision with map work related to unit 1 to 10 Revision of annual exam</p> <p><u>PRACTICAL EXAMINATION (FINAL)</u></p>	<p>10 Periods</p> <p>04 Periods</p> <p>04 Periods</p> <p>04 Periods</p>