

**NORTH MAHARASHTRA UNIVERSITY, JALGAON**  
**F.Y.B.A. (SEM I) GEOGRAPHY SYLLABUS**

FOR - JUNE - 2015 ONLY / Only  
 PHYSICAL GEOGRAPHY: PAPER I

Unit	Topic	Sub Topic	Period
1.	The Earth	<p>A) Introduction To The Earth</p> <p>B) <b>Parallels of Latitudes</b>-Equator, Tropic Of Cancer &amp; Capricorn, Artic, Antarctic Circles And Poles</p> <p>C) <b>Parallels of Longitudes</b>- Prime Meridians &amp; Measurement</p> <p>D) <b>Measurement of Time</b></p> <ul style="list-style-type: none"> <li>i) Local Time    ii) Standard Time</li> <li>iii) GMT    iv) International Date Line</li> </ul>	10
2.	Movement and Lithosphere of the Earth	<p>A) <b>Movement of The Earth</b></p> <ul style="list-style-type: none"> <li>i) Inclination of The Earth Axis</li> <li>ii) Earth Rotation And Its Effects</li> <li>iii) Earth Revolution And Its Effects</li> </ul> <p>B) <b>Lithosphere</b></p> <p><b>I . Interior of the Earth</b></p> <p>Crust, Mantle, Core, their minor details</p> <p><b>II. Rocks</b> - Definition and Classification and Characteristics of Rocks</p> <ul style="list-style-type: none"> <li>i) Igneous Rocks</li> <li>ii) Sedimentary Rocks</li> <li>iii) Metamorphic Rocks</li> </ul>	12

3.	<b>Structure of the Earth (Lithosphere )</b>	<b>A. Origin of Continents and Ocean</b>  i.) Waegener's continental Drift Theory.- Description, Evidences & Criticism.  <b>B. Earthquake and Volcanoes</b>  i.) Earthquake- Causes and effects of Earthquake with examples.  ii.) Volcanoes- Definition and Types , Effects of Volcanoes	14
4.	<b>Weathering</b>	<b>A. Weathering : Definitions and Types of Weathering</b> i)Mechanical Weathering  ii) Chemical Weathering iii) Biological Weathering  <b>B. Work of Geomorphic Agents</b>  1. <b>River</b> -i) Erosional landforms of river: V shaped valley, Gorge, Rapids, Waterfall and Spot holes.  ii) Depositional landforms of river:  Meanders, Ox -bow lakes, Flood plains, Leyees & Deltas.  2. <b>Wind</b> - i) Erosional landforms of wind: Blow-out or Deflation Hollows, Mushroom rock, Yardangs, Zeugen, Inselburgs.  ii) Depositional landforms of wind: Sand Dunes, Bharkhans and Loess	12

Unit No	Name of the Unit	Marks	Period
1	<b>The Earth</b>	10	10
2	<b>Movement and Lithosphere of the Earth</b>	10	12
3	<b>Structure of the Earth (Lithosphere)</b>	10	14
4	<b>Weathering</b>	10	12
Uni.		40	48
Internal		10	

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**NORTH MAHARASHTRA UNIVERSITY, JALGAON**  
**F.Y.B.A. (SEM II) GEOGRAPHY SYLLABUS**

**PHYSICAL GEOGRAPHY: PAPER II**

Topic	Sub Topic	Unit
(1) <b>Atmosphere</b>	Origin Composition and Structure of Atmosphere	i) Introduction, Meaning and Significance of Atmosphere ii) Composition of Atmosphere iii) Structure of Atmosphere: (a) Troposphere (b) Stratosphere (c) Ionosphere
(2) <b>Insolation</b>	I) Insolation	i) Definition ii) factors affecting the insolation a) Angle of the sunrays b) Length of the days c) Distance between earth and sun d) Effect of atmosphere iii) Temperature- Horizontal and vertical Distribution
(3) <b>Atmospheric Pressure and Winds</b>	I) Pressure Belt	I) Measurement of Atmospheric pressure II) Definition of Isobars III) Formation of Pressure Belts IV) Shifting of Pressure Belts and their effects
	II) Winds	<b>Types of Winds:</b> i) Planetary winds ii) Monsoon winds iii) Land and Sea breezes
(4) <b>Atmospheric Moisture</b>	I) Evaporation	i) Evaporation process
	II) Humidity	<b>ii) Types of Humidity:</b> (a) Absolute Humidity (b) Relative Humidity (c) Specific Humidity
	III) Precipitation	i) Forms of precipitation ii) Types of Rainfall: (a) Convective

		(b) Orographic (c) Cyclonic
(5) Hydrosphere	I) Submarine Relief	(a) General Structure of Ocean Floor (b) Submarine Relief of Indian Ocean
	II) Ocean Currents	Ocean Currents of Atlantic

**Weightage of Marks:**

Unit No	Marks	Period
1	10	10
2	08	08
3	08	10
4	08	10
5	06	10
University Exam	40	48
Internal	10	

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