

**Appasaheb R.B.Garud College shendurni, tal-Jamner , dist – jalgaon 424204**

**F.Y.B.A. Sem II**

## **Introduction Of Physical Geography: II**

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# **Unit no 1 : Atmosphere**

## **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**

# **Unit no 2: 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**

# **Unit no 3: Atmospheric Pressure and Winds**

## **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**

**cont.....**

# **Unit no 3: Atmospheric Pressure and Winds**

## **II) Winds**

**Types of Winds:**

- i) Planetary winds**
- ii) Monsoon winds**
- iii) Land and Sea breezes**

# **Unit no 4 :Atmospheric Moisture**

**i) Evaporation process**

**ii) Types of Humidity:**

**(a) Absolute Humidity**

**(b) Relative Humidity**

**(c) Specific Humidity**

**cont...**

# **Unit no 4 :Atmospheric Moisture**

## **Precipitation :**

**i) Forms of precipitation**

**ii) Types of Rainfall:**

**(a) Convectional**

**(b) Orographic**

**(c) Cyclonic**

# **Unit no 5: Hydrosphere**

## **I) Submarine Relief**

**(a) General Structure of Ocean Floor**

**(b) Submarine Relief of Indian Ocean**

## **II) Ocean Currents**

**Ocean Currents of Atlantic**

# Thanks