

SYLLABUS

B.A. II - Semester III - CBCS

GEOGRAPHY **(CLIMATOLOGY)**

Theory Paper:-

Marks : 60

Unit- I : Definition and Significance of Climatology. Weather and Climate, Elements of Weathers and Climate

Unit- II : Composition and Structure of the Atmosphere, Atmospheric temperature: Distribution of Temperature, Factor affecting the distribution of temperature, Range of Temperature.

Unit- III : Atmospheric Pressure: Vertical, Horizontal and seasonal distribution of pressure winds: Planetary, periodic and local

Unit- IV : Atmospheric moisture: humidity, evaporation and condensation, Forms of precipitation, Types of Rainfall

Unit- V : Atmospheric pollution and Global warming: General causes. Consequences and measures of control. Environmental hazards: Flood & desertification of land & its assessment.

Practical **Construction of scale**

Unit-I : Simple Scale 05 Marks

Unit-II : Comparative Scale 05 Marks

Practical Record : 05 Marks

Viva-Voce : 05 marks

Distribution of Internal Marks

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|--------------------|----------|
| 1) Home Assignment | 10 Marks |
| 2) Viva Voce | 10 Marks |

B.A. II - Semester IV - CBCS

GEOGRAPHY **(OCEANOGRAPHY)**

Theory Paper:-

Marks : 60

Unit- I: Definition, Nature & Scope of Oceanography. Significance of Ocean.

Unit- II: Surface configuration of ocean floor: continental shelf, continental slope, Abyssal plain, mid-oceanic trenches. Relief of Atlantic, Pacific and Indian ocean.

Unit- III : Distribution of temperature of Ocean and seas. Distribution of Salinity of ocean & sea.

Unit- IV : Circulation of ocean water : waves, tides and currents of the Atlantic, Pacific and Indian Oceans.

Unit- V : Marine deposits and coral reefs.

Practical

Cartography & Statistical Method

Unit-I : Standard Deviation.

05 Marks

Unit-II : Correlation of Coefficient

05 Marks

Practical Record :

05 Marks

Viva-Voce :

05 Marks

Distribution of Internal Marks

1) Home Assignment

10 Marks

2) Viva Voce

10 Marks