

P. S. B. Degree College Lambgaon
B.A. Ist. Semester (Geography)
Teaching Plan for academic session 2022-23
Course Teacher: Anuja Rawat
Course Title and Other Specifications

Course Title:	Physical Geography
Course No.:	Ist paper
Credits:	4
Maximum Marks:	End Term Examination Internal assessment 100 (75:25)
Course Description:	This course is very beneficial for students. This course contains basic knowledge of land form and applied approach in physical geography.

Unit	Topic	No. of Lectures	Name of Course Teacher
Unit I	Meaning, scope and branches of Physical Geography.	2	Anuja Rawat
	Origin of Universe, Solar system	2	
	Geological time scale	1	
	Theories of Laplace.	1	
	Theories of Chamberlin	1	
	Theories of James Jeans and Jeffreys	1	
	Theories of Hoyle and Lyten	1	
	Interior of the Earth	1	
Rocks: Origin and Classification	2		
Unit II	Origin of Continents and Ocean basins: Continental drift and convectional current Theories.	2	Anuja Rawat
	Plate Tectonic Theory	2	
	Isostasy, Earth movements -Endogenetic forces Landforms	4	
	Mountains, Plateau and plains, Gradational forces	2	
	Weathering and Erosion, Normal cycle of Erosion	3	
	Arid, Glacial, marine and karst Topography	2	
	Vulcanicity and earthquakes.	2	
Unit III	Soil as a basis Components of Environments, soil profile, characteristics and significances.	2	Anuja Rawat
	Process and factors of Soil Formation.	1	
	Biodiversity and Biosphere.	2	
	Biotic succession	1	
	Biomes and their Types	1	
	Biodiversity Conservation	1	
Unit IV	Zoo-Geographical regions of the World	2	Anuja Rawat
	Composition and structure of Atmosphere	2	

	Insolation: Vertical and Horizontal distribution of Temperature.	2	
	Pressure and pressure belt.	2	
	Winds: Planetary, periodic and local winds.	2	
	Humidity	1	
	Clouds	1	
	Precipitations	1	
	Cyclone and Anticyclones	2	
Unit V	Ocean Bottom Topography	2	Anuja Rawat
	Ocean Deposits	1	
	Salinity	1	
	Temperature	2	
	Ocean Currents	1	
	Tides and Coral Reef	2	
Note:	The calculation for the total number of lectures is done on the basis of 90 teaching days per semester and 6 periods.		
	(5 for theory and 1 for tutorial) attached for the course per week during the semester. The duration of one lecture is 45 minutes.		
	The distribution of maximum marks for internal assessment will be according to the rules of the university.		
	<p>Recommended reading list: Physical Geography: Savindra Singh Dr. Gaytri Prasad, Dr. Rajesh Nautiyal – Bhautik Bhoogol Strahler and Strahler, A.H. Modern Physical Geography</p> <p>Sig. [Head]</p> <p>Sig. [Course teacher] Counter signed [Principal]</p>		