

Lesson plan

Session: 2023 - 24

Faculty Name: Dr. Veerpal, Dr. Vikas, Dr. Reena Yadav

Subject: Physical Geography (Part – II)

Class: B. A 3rd Semester

Week 1 (21 July - 29 July)	<ul style="list-style-type: none">➤ Weather and climate: meaning and definition➤ Elements of weather and climate➤ Factors affecting climate➤ Group discussion on problems
Week 2 (31 July - 5 Aug)	<ul style="list-style-type: none">➤ Meaning and composition of atmosphere➤ Structure and importance of the atmosphere➤ Solar radiation & heat budget of the earth➤ Revision and test
Week 3 (7 Aug -12 Aug)	<ul style="list-style-type: none">➤ Factors affecting Insolation➤ Heating and cooling of the atmosphere➤ Factors affecting temperature➤ Horizontal distribution of temperature➤ Vertical distribution of temperature➤ Group discussion on problems
Week 4 (14 Aug -19 Aug)	<ul style="list-style-type: none">➤ Atmospheric pressure and winds – meaning➤ Vertical distribution of atmospheric pressure➤ Horizontal distribution of atmospheric pressure➤ Shifting of the wind's belts➤ Revision and test
Week 5 (21 Aug - 26 Aug)	<ul style="list-style-type: none">➤ Atmospheric pressure and precipitation – meaning➤ Ways to express humidity➤ Evaporation and condensation➤ Precipitation and its type➤ Group discussion on problems
Week 6 (28 Aug - 2 Sept)	<ul style="list-style-type: none">➤ Airmass - meaning, definition and classification➤ Fronts - meaning, frontogenesis and its essential conditions➤ Cyclones - meaning, definition and its type➤ Class test
Week 7 (4 Sept - 9 Sept)	<ul style="list-style-type: none">➤ Classification of climate➤ Koeppen's scheme Classification of climate➤ Evaluation of Koeppen's Classification of climate➤ Presentation and revision

Week 8 (11Sept – 16 Sept)	<ul style="list-style-type: none"> ➤ Climate change - meaning and its causes ➤ Role of humans in climate change
Week 9 (18 Sept-23 Sept)	<ul style="list-style-type: none"> ➤ Global Warming and its meaning ➤ Impact of increased global warming ➤ Revision and test ➤ Surface configuration of the ocean floor - Introduction
Week 10 (25 Sept- 30 Sept)	<ul style="list-style-type: none"> ➤ Classification of ocean floor ➤ Oceans and its configuration – pacific ➤ Atlantic and Indian ocean
Week 11 (3 Oct - 7 Oct)	<ul style="list-style-type: none"> ➤ Temperature of oceanic water ➤ Process of heating and cooling of oceanic water ➤ Class test
Week 12 (9 Oct - 14 Oct)	<ul style="list-style-type: none"> ➤ Horizontal distribution of temperature of oceanic water ➤ Vertical distribution of temperature of oceanic water ➤ Assignment
Week 13 (16 Oct - 21 Oct)	<ul style="list-style-type: none"> ➤ Salinity of the oceanic water ➤ Factors affecting salinity in oceans ➤ Horizontal distribution of salinity ➤ Class test
Week 14 (23 Oct - 28 Oct)	<ul style="list-style-type: none"> ➤ Circulation of the oceanic water - sea waves ➤ Types of waves ➤ Oceanic currents - causes of its origin ➤ Currents of Pacific Ocean
Week 15 (30 Oct - 4 Nov)	<ul style="list-style-type: none"> ➤ Currents of ocean - Atlantic and Indian ocean ➤ Effect of ocean currents ➤ Tides ➤ Revision
Week 16 (6 Nov -11 Nov)	<ul style="list-style-type: none"> ➤ Oceanic resources ➤ Oceans and food ➤ Oceans and minerals ➤ Oceans and power resources
Week 17 (13 Nov - 18 Nov)	<ul style="list-style-type: none"> ➤ Oceans and drinking water ➤ Oceans transport and trade ➤ Assignment