

Government College Satnali, Mahendergarh

Lesson Plan (2023-24)

Name of the Assistant Professor: Sanjay Kumar

Class: B.A.

Sem. 3rd

Session: 2023-24

Subject: Geography

Paper: Physical Geography

Weeks	Date	Topic
01	21 July 2023	Orientation
	22 July 2023	Orientation
	24 July 2023	Weather and climate
	25 July 2023	Weather and climate
	26 July 2023	Weather and climate
	27 July 2023	Weather and climate
	28 July 2023	Weather and climate
02	29 July 2023	Weather and climate
	01 Aug. 2023	origin
	02 Aug. 2023	origin
	03 Aug. 2023	composition of Atmosphere
	04 Aug. 2023	composition of Atmosphere
	05 Aug. 2023	composition of Atmosphere
	07 Aug. 2023	composition of Atmosphere
03	08 Aug. 2023	structure of atmosphere
	09 Aug. 2023	structure of atmosphere.
	10 Aug. 2023	structure of atmosphere
	11 Aug. 2023	structure of atmosphere.
	12 Aug. 2023	Insolation
	14 Aug. 2023	Insolation
	16 Aug. 2023	global heat budget
04	17 Aug. 2023	global heat budget,
	18 Aug. 2023	global heat budget
	19 Aug. 2023	horizontal and vertical distribution of temperature,
	21 Aug. 2023	horizontal and vertical distribution of temperature,
	22 Aug. 2023	horizontal and vertical distribution of temperature,

	23 Aug. 2023	horizontal and vertical distribution of temperature,
	24 Aug. 2023	horizontal and vertical distribution of temperature,
05	25 Aug. 2023	inversion of temperature
	26 Aug. 2023	inversion of temperature
	28 Aug. 2023	Atmospheric pressure: measurement and distribution
	29 Aug. 2023	Atmospheric pressure: measurement and distribution
	31 Aug. 2023	Atmospheric pressure: measurement and distribution
	01 Spt. 2023	Atmospheric pressure: measurement and distribution
	02 Spt. 2023	Atmospheric pressure: measurement and distribution
06	04 Spt. 2023	Atmospheric pressure: measurement and distribution
	05 Spt. 2023	pressure belts,
	07 Spt. 2023	pressure belts,
	08 Spt. 2023	pressure belts,
	09 Spt. 2023	planetary, seasonal and local winds.
	11 Spt. 2023	planetary, seasonal and local winds.
	12 Spt. 2023	planetary, seasonal and local winds.
07	13 Spt. 2023	Humidity: measurement and variables
	14 Spt. 2023	Humidity: measurement and variables
	15 Spt. 2023	Humidity: measurement and variables
	16 Spt. 2023	evaporation and condensation
	18 Spt. 2023	evaporation and condensation
	19 Spt. 2023	evaporation and condensation
	20 Spt. 2023	evaporation and condensation
08	21 Spt. 2023	precipitation: forms, types and distribution
	22 Spt. 2023	precipitation: forms, types and distribution
	25 Spt. 2023	precipitation: forms, types and distribution
	26 Spt. 2023	precipitation: forms, types and distribution
	27 Spt. 2023	precipitation: forms, types and distribution
	28 Spt. 2023	hydrological cycle.
	29 Spt. 2023	Unit Test.
09	30 Spt. 2023	Air masses: concept and classification
	03 Oct. 2023	Air masses: concept and classification
	04 Oct. 2023	Air masses: concept and classification

	05 Oct. 2023	Air masses: concept and classification
	06 Oct. 2023	fronts: type and characteristics
	07 Oct. 2023	fronts: type and characteristics
	09 Oct. 2023	fronts: type and characteristics
10	10 Oct. 2023	Weather disturbances
	11 Oct. 2023	Weather disturbances
	12 Oct. 2023	Weather disturbances
	13 Oct. 2023	tropical and extra-tropical cyclones
	14 Oct. 2023	tropical and extra-tropical cyclones
	16 Oct. 2023	tropical and extra-tropical cyclones
	17 Oct. 2023	Unit Test
11	18 Oct. 2023	Configuration of oceanic floor and bottom relief of Pacific Ocean
	19 Oct. 2023	Configuration of oceanic floor and bottom relief of Pacific Ocean
	20 Oct. 2023	Configuration of oceanic floor and bottom relief of Pacific Ocean
	21 Oct. 2023	Configuration of oceanic floor and bottom relief of Atlantic Ocean
	23 Oct. 2023	Configuration of oceanic floor and bottom relief of Atlantic Ocean
	25 Oct. 2023	Configuration of oceanic floor and bottom relief of Atlantic Ocean
	26 Oct. 2023	temperature of oceans.
12	27 Oct. 2023	temperature of oceans.
	30 Oct. 2023	temperature of oceans.
	31 Oct. 2023	Oceanic currents
	02 Nov. 2023	Oceanic currents
	03 Nov. 2023	circulation in Pacific Ocean
	04 Nov. 2023	circulation in Pacific Ocean
	06 Nov. 2023	Atlantic Ocean
13	07 Nov. 2023	Atlantic Ocean
	08 Nov. 2023	Indian Oceans
	09 Nov. 2023	Indian Oceans
	17 Nov. 2023	Oceanic resources
	18 Nov. 2023	Oceanic resources
	20 Nov. 2023	Oceanic resources
	21 Nov. 2023	Revision
14	22 Nov. 2023	Revision

B

	23 Nov. 2023	Revision
	24 Nov. 2023	Revision

Revised

^{old}
Lesson Plan (2023-24)-~~Old~~ Semester

Name of the Assistant Professor: SANJAY KUMAR

Class and Section: M.Sc Geography (1st semester)

Subject: Climatology

WEEK	DATE	TOPICS
1	17.08.2023	ABOUT THE SYLLABUS
	18.08.2023	Climatology; Meaning, definition and scope
	19.08.2023	Climatology; Meaning, definition and scope
2	21.08.2023	Definition of Weather and Climate: Climatology and Meteorology
	22.08.2023	Definition of Weather and Climate: Climatology and Meteorology
	23.08.2023	Atmosphere: Origin, composition and structure
	24.08.2023	Atmosphere: Origin, composition and structure
	25.08.2023	Insolation: Solar radiation and terrestrial radiation
	26.08.2023	Insolation: Solar radiation and terrestrial radiation
	3	28.08.2023
29.08.2023		latitudinal and seasonal variations
31.08.2023		Effects of atmosphere: greenhouse effect
01.09.2023		heat budget and latitudinal heat balance
02.09.2023		heat budget and latitudinal heat balance
4	04.09.2023	Temperature: Processes of heat energy transfer,
	05.09.2023	heating and cooling of atmosphere
	07.09.2023	heating and cooling of atmosphere
	08.09.2023	horizontal and vertical distribution
	09.09.2023	horizontal and vertical distribution
5	11.09.2023	inversion of temperature.
	12.09.2023	Unit Test
	13.09.2023	Atmospheric pressure: measurement and its distribution pattern – vertical
	14.09.2023	Atmospheric pressure: measurement and its distribution pattern – vertical
	15.09.2023	horizontal and seasonal variations
6	16.09.2023	horizontal and seasonal variations
	18.09.2023	General circulation: planetary, geostrophic, subtropical, westerlies and polar winds
	19.09.2023	General circulation: planetary, geostrophic, subtropical, westerlies and polar winds
	20.09.2023	General circulation: planetary, geostrophic, subtropical, westerlies and polar winds
	21.09.2023	General circulation: planetary, geostrophic, subtropical, westerlies and polar winds
7	22.09.2023	tricellular meridional circulation
	25.09.2023	tricellular meridional circulation
	26.09.2023	walker circulation-ENSO and La Nina
	27.09.2023	walker circulation-ENSO and La Nina
	28.09.2023	Circulation pattern in vertical and horizontal planes
	29.09.2023	Circulation pattern in vertical and horizontal planes
	30.09.2023	Origin of monsoon
8	03.10.2023	Origin of monsoon
	04.10.2023	Jet Stream

	05.10.2023	Jet Stream
	06.10.2023	Unit Test
	07.10.2023	Atmospheric moisture: sources of atmospheric moisture
9	09.10.2023	Atmospheric moisture: sources of atmospheric moisture
	10.10.2023	Types and distribution of humidity and evaporation
	11.10.2023	Types and distribution of humidity and evaporation
	12.10.2023	Condensation: conditions, forms and types
	13.10.2023	Condensation: conditions, forms and types
	14.10.2023	Condensation: conditions, forms and types
	10	16.10.2023
17.10.2023		Precipitation: process, form, types and distribution
18.10.2023		Precipitation: process, form, types and distribution
19.10.2023		Precipitation: process, form, types and distribution
20.10.2023		Atmospheric equilibrium: stability and instability
21.10.2023		Atmospheric equilibrium: stability and instability
11	23.10.2023	Atmospheric equilibrium: stability and instability
	25.10.2023	adiabatic process of temperature change, lapse rate dry and wet adiabatic rate
	26.10.2023	adiabatic process of temperature change, lapse rate dry and wet adiabatic rate
	27.10.2023	Air masses: definition, characteristics, modification and classification
12	30.10.2023	Air masses: definition, characteristics, modification and classification
	31.10.2023	Fronts: frontogenesis, frontolysis and classification
	02.11.2023	Fronts: frontogenesis, frontolysis and classification
	03.11.2023	Atmospheric disturbances: extra tropical and tropical cyclones
	04.11.2023	Atmospheric disturbances: extra tropical and tropical cyclones
13	06.11.2023	their origin and associated weather, thunderstorms
	07.11.2023	their origin and associated tornadoes and waterspouts
	08.11.2023	Climatic classification: Bases of climatic classification by Koppen
	09.11.2023	Climatic classification: Bases of climatic classification by Koppen
14	17.11.2023	Climatic classification: Bases of climatic classification by Thornthwaite
	18.11.2023	Climatic classification: Bases of climatic classification by Thornthwaite
15	20.11.2023	Climatic changes – Evidences; Theories of Climate Change- Atmospheric Dust Hypothesis
	21.11.2023	Theories of Climate Change- Atmospheric Dust Hypothesis
	22.11.2023	Carbon Dioxide Theory
	23.11.2023	Astronomic Theory of Climate Change
	24.11.2023	Unit Test
	25.11.2023	Revision
16	28.11.2023	Revision
	29.11.2023	Revision
	30.11.2023	Revision
	01.12.2023	Revision
	02.12.2023	Revision

Teacher Sig.



HoD Sig.