

LESSON PLAN-2021

B.A HONOURS (CBCS SYSTEM)

SEMESTER-III

Course: DC5A: CLIMATOLOGY

Teacher: Dr. Mosfudar Rahaman

Unit	Sub Unit	Lectures	Remarks
1.AIRMASS	Concept of air mass	1	
	Origin of air mass	1	
	Characteristics of air mass	1	
	Modification of airmass	1	
	Concept of front	1	
	Cold and warm front	1	
	frontogenesis and frontolysis	1	
	stability and instability	1	
	barotropic and baroclinic conditions	1	
Circulation in the atmosphere	Planetary winds	2	

Circulation in the atmosphere	Jet stream	1	
	Index cycle	1	
	Tropical cyclone	2	
	Mid-latitude cyclone	2	
	Monsoon : concept	1	
	Monsoon circulation	1	
	Mechanism of monsoon	2	
Climatic classification	Concept of climatic classification	1	
	Classification of Koppen	2	
	Classification of Thornthwaite	2	
	Revision	2	
	Test	1	

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SEMESTER-III

Course: DC5B:CLIMATOLOGY (Practical)

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Topics	Sub Topics	Lectures	Remarks
Preparation of Climatic Graphs and Charts	Taylor's Climograph	3	
	Hythergraph	3	
	Star Diagram	3	
	Ergograph	3	
	Revision	2	
	TEST	1	
	Exam	1	

