	Reg. No.						
	B.Tech. DEC	GREE EXA	MINATION, MAY 2022				
	F	ourth to Seve	enth Semester				
	18CEO406T – GLOE	BAL WARM	ING AND CLIMATE CHANG	R	.		
			cademic year 2018-2019 to 2019-20	_			
Note:				, American			
	A should be answered in Olinvigilator at the end of 40 th		nin first 40 minutes and OMR sheet	should be	hande	ed o	ver
	B should be answered in an		*				
Times 21/ Harris	12			24 24	. 1		
Time: 2½ Hours				Max. M	arks:	75	
	PART – A (2	$25 \times 1 = 25$ N	Marks)	Marks	BL	CO	PO
		ALL Question					
1. Fall of	moisture from atmosphe	ere to the ear	th surface in any form is called	as ¹	1	1	1
$\overline{(\Delta)}$ F	vaporation	(B)	Run off				
	recipitation	(B) (D)					
(0) 11	recipitation	(D)	11ydrological cycle				
2. The pr	ocess by which plants c	apture the s	un's energy and use it to grow	is 1	1	1	1
called a	is	- 2					
	iological carbon cycle	(B)	3				
(C) P ₁	recipitation	(D)	Evaporation				
3.	represents the outermo	st layer of ea	arth's atmosphere.	1	1	1	1
(A) St	ratosphere	•	Mesosphere				
(C) TI	nermosphere	(D)	Exosphere				
		sure to that r	equired for saturation at the san	ne 1	1	1	1
tempera (A) Sr	pecific humidity	(R)	Relative humidity				
_	ixing ratio		Absolute humidity				
(5)			Tiesetute numeroj				
	consists of oxyg	gen atoms.				1	1
(A) 1		(B)					
(C) 3		(D)	4				
6.	is the study of past clima	ates.		1	1 0	2	1
	leoclimatology		Climatology				
	esoclimatology	` ,	Microclimatology				
7. The ale	monta veha hava sama	otomio mum	1	. 1	1 .	2	1
	ements are called as	atomic num	ber but different atomic weigh	it '	1 2	-	
	lynomorphs	—· (B)	Isotopes				
	omic mass		Atomic volume				
0 0	is having			1	1 2	2	1
8. Oxygen (A) 2	is havingisotrop		3	1	1 2		1
(C) 4		(B) (D)					
Page 1 of 3		(D)		27MF4-718C	EO406	ίΤ	

9	is a term used to describe the sl (A) Eccentricity	nape of earth's orbit around the sun. (B) Obliquity	1	1	2	1	22 energy is the process of obtaining heat or energy from a large body of water.	1	1	5	1
	(C) Precession	(D) Tilt					(A) Hydrothermal (B) Geothermal				
				,	2	,	(C) Tidal (D) Solar				
10	. Albedo of fresh snow is about		1	1	2	1					
	(A) 0.5	(B) 0.7					23. Biodiesel quality is governed by quality parameters.	1	1	5 _ 1	i
	(C) 0.9	(D) 1.2					(A) ASTM D5453 (B) ASTM D6751	A.			
11	Maraury franzas at		1	1	3	1	(C) ASTM A105 (D) IS456				
11	. Mercury freezes at (A) -49°C	(D) 20°C					04 177 1 04 04 1 1 1 1 10				
		(B) 39°C					24. Which of the following is a pure biodiesel?	1	1	5 1	
	(C) 29°C	(D) -39°C					(A) B2 (B) B5				
12	. A hygrometer measures		1	1	3	1	(C) B20 (D) B100				
12	(A) Heat and cold	(B) Precipitation					25 Minimum wind enood required to concerts also the in	1	1	5 1	
	(C) Humidity	(D) Rainfall					25. Minimum wind speed required to generate electricity is	1	1	J 1	
	(C) Hamilarly	(D) Kaiman					(A) 10 km/hr (B) 20 km/hr				
13	measures the speed or strength	of wind.	1	1	3	1	(C) 15 km/hr (D) 25 km/hr				
	(A) Barometer	(B) Anemometer									
	(C) Radar gauges	(D) Float gauges					$PART - B (5 \times 10 = 50 Marks)$	arks l	81. (n Pr	0
			,	,	2		Answer ALL Questions	2113		0 10	
14	. Acid rain pH value is		1	1	3	I	THIS WOT THEEL QUOSITIONS				
	(A) 3.1	(B) 4.3					26. a. Explain the hydrological cycle and carbon cycle with neat sketch.	10	3	1	
	(C) 3.4	(D) 5.6									
15	. The most common type of self recording	a rain aquae is	I	1	3	1	(OR)				
15		(B) Tipping bucket					b. Write short notes on				
							(i) Ozone depletion	5	3 .	1	
	(C) Floating type	(D) Tide gauge					(ii) EL Nino and their impact		,		
16	is an international body for a	ssessing the science related to climate	1	1	4	1	27 a Explain the role of land and accounts results allows	.0 :	,	- 1	
	change.						27. a. Explain the role of land and ocean to regulate climate.		, ,	. 1	
	(A) World Metrological Organization	(B) National Climate Data Centre					(OR)				
		(D) Intergovernmental Panel on						0 3	3 2	1	
	Programme						o. What is flood. Explain the types and educes of floods.				
			7.				28. a. Explain the impact of climate change on various sectors.	0 3	3 3	1	
17.	The first assessment report of intergove	rnmental panel on climate change was		1	4	1	20. a. 2. plant the impact of enmate enange on various sectors.				
	completed in						(OR)				
	(A) 1980	(B) 1975						0 3	3	1	
	(C) 1990	(D) 1987					sketch.				
18	The Kyoto protocol was adopted on		1	1	4]	1	Sketch.				
10.	(A) 11 December 1997	(B) 16 May 2005					29. a. Explain the role of intergovernmental panel on climate change in detail.	0 3	4	1	
	(C) 11 December 1990	(D) 16 February 2005					29. a. Explain the fole of intergovernmental panel on climate change in detail.	0 3	·	1	
	(C) II December 1990	(D) To reducing 2003					(OD)				
19.	Carbon credit trading is generated from		1	1	4 1	1	(OR) b. Explain the following				
		(B) Clean Development Mechanism						. 2	. 1		
	(C) Doha Amendment	(D) Koyoto Protocol					(i) Kyoto protocol 5 (ii) Clean development mechanism 5	3	4	1	
							(ii) Clean development mechanism				
20.		ich aims to limit the level of climate	1	1 -	4 1	1	20 a Explain the way of non-available accounts) 3		1	
	change.						30. a. Explain the use of renewable resources.) 3	3	1	
	(A) Clean Development Mechanism	(B) United Nations Framework					(OR)				
		Convention on Climate Change) 3	5	- 1	
	(C) Koyoto protocol	(D) International Emissions Trading					a supreme and extremely the management and the control sequestration.				
21.	Which one of the following has non-rene	ewable energy sources?	1	1 5	5 1						
		(B) Wind					* * * *				
	(C) Waves	(D) Petroleum									
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