

## ANANDALAYA PERIODIC TEST – 3 Class: XI

Subject: Geography. MM: 35
Date: 07-01-2023 Time: 1 Hr. 30 min.

## General Instructions:

- 1. There are 15 questions in this question paper. All questions are compulsory.
- 2. This question paper has four sections: Section A, Section B, Section C and Section D.
- 3. Section A Q. No. 1 to 8 are objective type questions and carry 1 mark each.
- 4. Section B Q. No. 9 is a source-based question and carries 3 marks.
- 5. Section C Q. No. 10 to 12 are short answer questions and carry 3 marks each.
- 6. Section D Q. No. 13 &15 are long answer questions and carry 5 marks each.

## **SECTION A**

1.	Increase in the volume of carbon dioxide for the past few decades is mainly due to						
	A) Deforestation		B) Climate Change				
	C) Agricultural act	tivities	D) Burning of fossil fu	iels			
2.	Radio waves are tr	ansmitted from which	layer of the atmosphere_				
	A) Mesosphere	B) Exosphere	C) Ionosphere	D) Troposphere			
3.	The process of ver	tical heating of the atm	nosphere is known as				
	A) Evaporation	B) Convection	C) Conduction	D) Troposphere  D) Advection  D) 30 <sup>th</sup> July  alley is called  D) Sea breeze  D) 2000-3000 m  D) Saturation			
4.	On which date Apl	helion takes place?		D) Advection  D) 30 <sup>th</sup> July  valley is called  D) Sea breeze			
	A) 4 th July	B) 30 th June	C) 1 <sup>st</sup> July	D) 30 <sup>th</sup> July			
5. The cool air of the high plateaus and ice fields draining in to the	fields draining in to the va	alley is called					
	A) Katabatic wind	B) Adiabatic wind	C) Land breeze	D) Sea breeze			
6.	Cirrus clouds are f	Cirrus clouds are formed at high altitudes of					
	A) 8000-12000 m	B) 4000-7000 m	C) 3000-4000 m	D) 2000-3000 m			
7.	If water vapour directly condenses in to solid form, it is known as						
	A) Evaporation	B) Condensation	C) Sublimation	D) Saturation			
8.	Rain shadow means						
	A) Windward slopes of the mountain		B) Lee ward side of the mountain				
	C) Plateau area		D) Coastal area				

## **SECTION-B**

9.	Read the passage and answer the following questions given below:  The atmosphere consists of different layers with varying density and temperature. The average height of the Troposphere is 13 km. This layer contains dust particles and water vapour. This is the most important layer for all biological activity. The zone separating the Troposphere from stratosphere is known as the Tropopause. The stratosphere is found above the Tropopause and extends up to a height of 50 km.  9.1. Which is the lower most layer of the atmosphere?						
	A) Ionosphere.	B) Mesosphere	C) Stratosphere	D)Troposphere			
	9.2. The temperature in troposphere decreases at the rate of 1.C for every metres.						
	A) 165	B) 175	C) 185	D) 150			
	9.3. Where is Ozone layer located in the atmosphere?						
	A) Tropopause	B) Stratosphere	C) Mesosphere	D) Thermosphere			
		SECTIO	N-C				
10	Describe any three factors that control temperature distribution on the surface of the earth						
11.	How is mountain wind different from valley wind? Write any three points						
12.	2. Describe any three forms of condensation.						
		SECTION	ON-D				
13	What is meant by Heat budget of the earth? Explain the vertical heat budget of the earth with suitable diagrams.						
14.	of tropical cyclones. Write any four points.						
			OR				
	Explain the genera	l circulation of atmosphe	ere with suitable diagran	ns.			
15.	5. A. Define the term rainfall and how is it formed?  B. Explain the three types of rainfall with suitable diagrams.						