

Seat No.

M.A. (SEM/CR) CBCS Part-I Semester-II Examination: October/November-2022

Geography (Compulsory) Paper-VI

GEOC26: Applied Climatology & Climate Change

Day and Date: Saturday, 17/12/2022

Total Marks: 60

Time: 10.30 AM To 12.30 PM

Instructions:

1. All Questions are Compulsory.
2. All Questions carry equal marks.
3. Figures to the right indicate full marks
4. Draw the diagram wherever necessary.
5. Allowed to use map stencil, if necessary

Q.1. Choose the Correct alternatives from the following.

15

- 1 The average human body temperature is ----- oC.
A) 45 B) 42 C) 30 D) 37
- 2 When the human body temperature falls below normal it's called -----.
A) Hyperthermia B) Hypothermia C) Frostbite D) All of the above
- 3 Hypothermia leads to -----.
A) Hyperthermia B) Hypothermia C) Frostbite D) All of the above
- 4 The data which is related to climate is known as ----- data
A) Geographical B) Meteorological C) Climatic D) None of the above
- 5 In Dry climates ----- type of soil is observed.
A) Sandy B) Laterite C) Red D) All of the above
- 6 The maximum rainfall occurs in the -----zone.
A) Temperate B) Equatorial C) Frigid D) None of the above
- 7 Koppen's climatic classification is based on ----- basis.
A) Empirical B) Numeric C) Genetic D) All of the above
- 8 According to Koppen, 'E' climate means -----Climate.
A) Tropical B) Dry C) Mesothermal D) Polar
- 9 There are -----agro-climatic zone in India.
A) 10 B) 12 C) 15 D) 20
- 10 What is the name of shifting agriculture in North east India?
A) Milpa B) Ladang D) Kumari D) Jhuming

- 11 ----- is the main reason for the melting of ice shields.
A) Greenhouse gasses B) Global Warming C) Ozone Depletion D) Acid Rain
- 12 Global warming is observed as a century-scale rise in the _____ of the Earth's climate system.
A) Double B) Average C) Median D) Extreme
- 13 In clean air the proportion of carbon dioxide is -----percent.
A) 0.06 B) 0.08 C) 0.03 D) 0.07
- 14 A physical, biological or chemical alteration to the air in the atmosphere is called as-----.
A) Acid Rain B) Global Warming C) Noise Pollution D) Air Pollution
- 15 The term acid rain was coined in 1852 by Scottish chemist -----.
A) Robert Smith B) Koppen C) Thornthwaite D) None of the above

Q.2. Write short Notes (Three out of Four) .

15

- 1 Quantitative & Qualitative Data.
- 2 Climate and Occupation
- 3 Tropical Zone
- 4 What are the causes of Acid Rain?

Q.3. Write short Answers (Three out of Four) .

15

- 1 Climate & Agriculture
- 2 Temperate Zone
- 3 What are the causes of Acid Rain?
- 4 Major Source of Greenhouse gases?

Q.4.. Answer the following question on broad. (One out of two).

15

- 1 Define Applied Climatology. State the impact of climate human and its activities.
 - 2 What is ozone depletion and describe in detail the causes and impacts of ozone depletion?
-

Model Answer Paper

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Q.1. Choose the Correct alternatives from the following.

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1 The average human body temperature is ----- oC.

A) 45 B) 42 C) 30 D) 37

Option 4

2 When the human body temperature falls below normal it's called -----.

A) Hyperthermia B) Hypothermia C) Frostbite D) All of the above

Option 2

3 Hypothermia leads to -----.

A) Hyperthermia B) Hypothermia C) Frostbite D) All of the above

Option 3

4 The data which is related to climate is known as ----- data

A) Geographical B) Meteorological C) Climatic D) None of the above

Option 3

5 In Dry climates ----- type of soil is observed.

A) Sandy B) Laterite C) Red D) All of the above

Option 1

6 The maximum rainfall occurs in the -----zone.

A) Temperate B) Equatorial C) Frigid D) None of the above

Option 2

7 Koppen's climatic classification is based on ----- basis.

A) Empirical B) Numeric C) Genetic D) All of the above

Option 1

8 According to Koppen, 'E' climate means -----Climate.

A) Tropical B) Dry C) Mesothermal D) Polar

Option 4

9 There are -----agro-climatic zone in India.

A) 10 B) 12 C) 15 D) 20

Option 3

10 What is the name of shifting agriculture in North east India?

A) Milpa B) Ladang C) Kumari D) Jhuming

Option 4

11 ----- is the main reason for the melting of ice shields.

A) Greenhouse gasses B) Global Warming C) Ozone Depletion D) Acid Rain

Option 2

12 Global warming is observed as a century-scale rise in the _____ of the Earth's climate system.

A) Double B) Average C) Median D) Extreme

Option 2

13 In clean air the proportion of carbon dioxide is -----percent.

A) 0.06 B) 0.08 C) 0.03 D) 0.07

Option 3

14 A physical, biological or chemical alteration to the air in the atmosphere is called as-----.

A) Acid Rain B) Global Warming C) Noise Pollution D) Air Pollution

Option 4

15 The term acid rain was coined in 1852 by Scottish chemist -----.

A) Robert Smith B) Koppen C) Thornthwaite D) None of the above

Option 1

Q.2. Write short Notes (Three out of Four) .

15

1 Quantitative & Qualitative Data.

Ans:

2 Climate and Occupation

Ans:

3 Tropical Zone

Ans:

4 What are the causes of Acid Rain?

Ans:

Q.3. Write short Answers (Three out of Four) .

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1 Climate & Agriculture

Ans:

2 Temperate Zone

Ans:

3 What are the causes of Acid Rain?

Ans:

4 Major Source of Greenhouse gases?

Ans:

Q.4.. Answer the following question on broad. (One out of two).

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1 Define Applied Climatology. State the impact of climate human and its activities.

Ans:

2 What is ozone depletion and describe in detail the causes and impacts of ozone depletion?

Ans:
