



GEOGRAPHY

BOOKS - FULL MARKS GEOGRAPHY (HINGLISH)

WORLD CLIMATE AND CLIMATE CHANGE

Ncert Textbook Questions With Answers

1. Which one of the following is suitable for Koeppen's "A" type of climate?

A. High rainfall in all the months

B. Mean monthly temperature of the

coldest month more than freezing point

C. Mean monthly temperature of all the

months more than 18°C

D. Average temperature for all the months

below 10° C





2. Koeppen's system of classification of climates can be termed as:

A. Applied

B. Systematic

C. Genetic

D. Empirical

Answer: D



3. Most of the Indian Peninsula will be grouped according to Koeppen's system under:

A. "Af"

B. "BSh"

C. "Cfb"

D. "Am"

Answer: D



4. Which one of the following years is supposed to have recorded the warmest temperature the world over?

A. 1990

B. 1998

C. 1885

D. 1950





5. Which one of the following groups of four climates represents humid conditions?

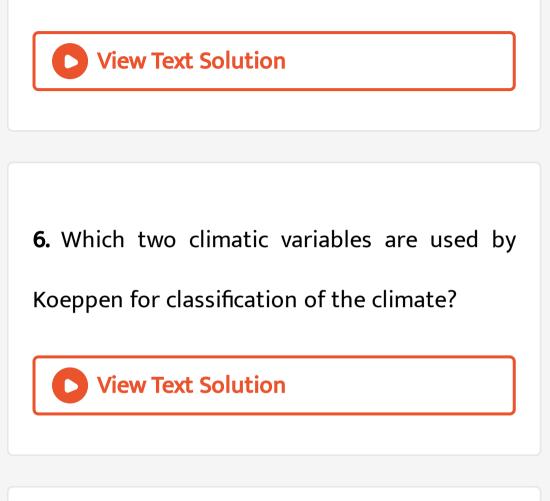
A. A-B-C-E

B. A-C-D-E

C. B-C-D-E

D. A-C-D-F





7. How is the "genetic" system of classification

different from the "empirical one"?



8. Which types of climates have very low range

of temperature?



9. What type of climatic conditions would

prevail if the sun spots increase?



10. Make a comparison of the climatic conditions between the "A" and "B" types of climate.



11. What type of vegetation would you find in

the "C" and "A" type(s) of climate?



12. What do you understand by the term"Greenhouse Gases"? Make a list of greenhouse gases.



13. Collect information about Kyoto

declaration related to global climate changes.



1. What kind of climate is expressed by the

letter code- BSh?

A. Tropical Dry

B. Tropical Monsoon

C. Subtropical Dry Steppe

D. Mid Latitude Climate

Answer: C





2. What kind of climate is expressed by the

letter code- ET?

A. Humid subtropical

B. Mediterranean(Cs)

C. Marine west coast

D. Tundra

Answer: D

3. According to Koeppen, what is the average temperature of dry tropical climate?

A. More than 20°C

B. More than 18°C

C. More than 40°C

D. More than 10°C

Answer: B

4. During the 1930s, severe drought occurred in southwestern Great Plains of the United States. What is it called?

A. Famine area

B. Barren area

C. Dust bowl

D. Dust flower

Answer: C

5. Which of the following area come under tropical wet climate?

A. Amazon Basin in South America

B. Western equatorial Africa

C. Islands of East Indies.

D. All of the above

Answer: D

6. Which protocol was held for reducing the emission of GHGs into the atmosphere in 1997?

A. Reid Jenero Earth Summit

B. Johnsonburg meet

C. Kyoto Protocol

D. Copenhagen Meet

Answer: C

7. In 8000 BC how was the climate of Rajasthan?

A. Humid and cold

B. Dry and warm

C. Dry and cold

D. Humid and warm

Answer: A

8. In the geological past, how was the earth's climate about 500-300 million years ago, through the Cambrian, Ordovician and Silurian periods?

A. Humid

B. Warm

C. Cold

D. Dry

Answer: B





9. Which of the following is not a greenhouse

gas?

- A. Carbon dioxide
- B. Chlorofluorocarbons
- C. Methane
- D. Oxygen

Answer: D

10. What absorbs ultra-violet rays in stratosphere?

A. Ozone

B. lons

C. Methane

D. Nitrogen

Answer: A

11. Europe witnessed what kind of experiences

from 1550 to about 1850?

A. Excess summer season

B. Little Ice age

C. Long dry age

D. Long humid age

Answer: B

12. What is thrown in atmosphere by volcanic

eruptions?

A. Aerosols

B. Solid waste

C. Alcohol

D. Carbon monoxide

Answer: A

13. Which type of climate exist in Plateau Station , Antarctica , 79°S according to Koeppen?

A. Tundra climate

B. Ice cap climate

C. Taiga climate

D. Cold climate with roots

Answer: B

14. The most important anthropogenic effect on the climate is the increasing trend in the concentration of greenhouse gases in the atmosphere. What can happen because of it?

A. Global warming

B. Air pollution

C. Water pollution

D. Land degradation

Answer: A

15. At which place the highest shade
temperature of 58° C was recorded in Libya on
13 September 1922?

A. Tripoli

B. Al Aziziyah

C. Taiwan

D. Tikari

Answer: B





Additional Questions With Answers Ii Table Based Question

1. Complete the following table by writing

appropriate answer:





Additional Questions With Answers Iii Very Short Answer Type Questions 1. In how many categories can we classify type-

A climate according to Koeppen?

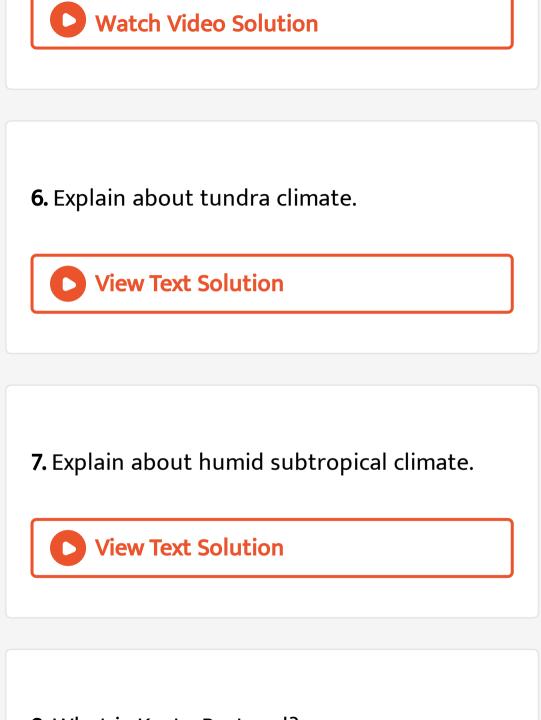


2. In how many groups has Koeppen classified

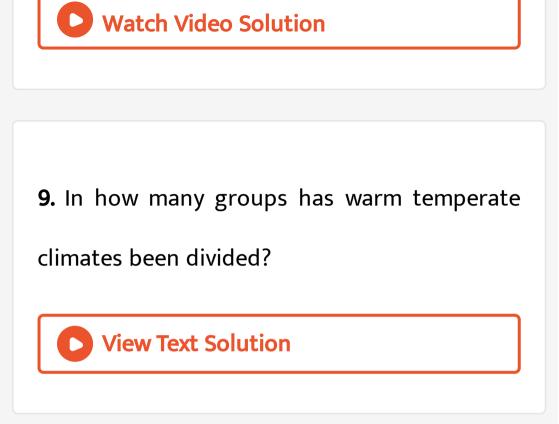
the climate?

3. In which areas is tropical climate found? What are its features? **View Text Solution** 4. What is the astronomical theory of Millankovitch oscillations? **View Text Solution**

5. How does volcano affect the climate?



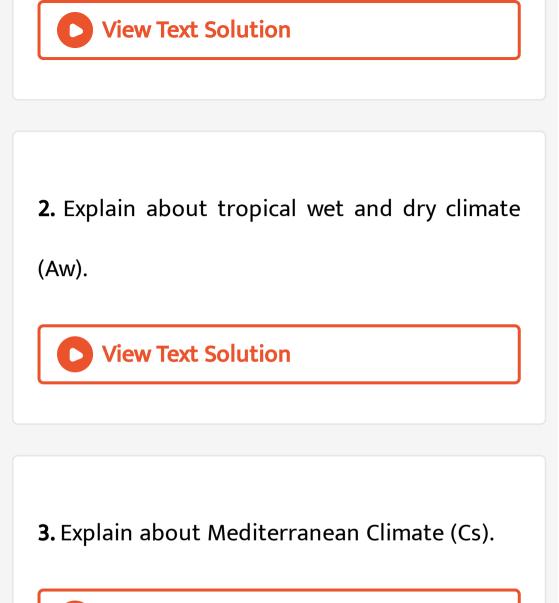
8. What is Kyoto Protocol?



Additional Questions With Answers Iv Short Answer Type Questions

1. In which areas do we find tropical humid (Af)

climate? What are its features?



4. Explain about humid sub tropical climate (Cfa).
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5. In which areas do we find Marine west coast climate? Explain about the features of this climate?

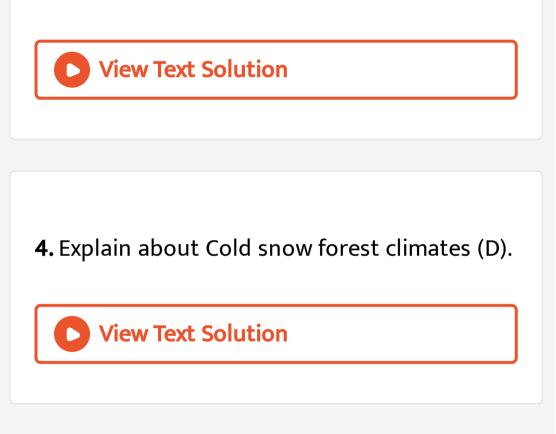
1. Explain the major climate categories by

Koeppen.

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2. Explain the climatic changes that has taken place since ancient times. Also explain its causes.





5. Write a detailed note on Tropical monsoon climate (Am).

Additional Questions With Answers Vi Hots Questions

1. Explain about that region where there is no

permanent settlements for human beings.

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2. Give the letter codes used by Koeppen for

following types of climates.

- (i) Tropical Wet
- (ii) Sub tropical steppe
- (iii) Humid Subtropical
- (iv) Humid Continental
- (v) Polar Ice cap
- (vi) Mid Latitude desert
- (vii) Subarctic
- (viii) Highlands with snow cover



3. Which letter code did Koeppen use for following temperature ranges?

(i) Average temperaiu1·e of the coldest month

is 18° or higher.

(ii) Average temperature for all months is below 10° C.

(iii) Average temperature of the coldest month

is -3° or lower.

(iv) Average temperature of the coldest month

is higher than -3° but less than 18°.

1. Show all climatic zones on a physical map of

world.

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Test Assignment

1. What do you understand by greenhouse

effect ?



2. What do you mean by global warming?

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3. Answer the following questions in 30 words.

Name two areas of Ice cap climate.