

(8 pages)

APRIL 2021

71240/LZ12A/DZ12A

Time : Three hours

Maximum : 50 marks

PART A — (20 marks)

1. Read the following passage and answer the questions that follow :

The climate of a coniferous forest depends upon where it is located. In general, the farther north the latitude, the cooler the climate. The presence of mountain ranges and oceans also affects the climate of an area. In Japan, for example, Siberian air masses bring severe winters to some forests, while other forests are influenced by warm ocean currents, and have a more tropical climate.

The most severe climate is found in the boreal forest, or taiga, where temperatures are below freezing for more than half of the year. Winter temperatures range from -65° to 30°F (-54° to -1°C), and summer temperatures from 20° to 70°F (-7° to 21°C). However, because the taiga is a land of extremes, temperatures can drop as low as -76°F (-60°C) in winter or climb as high as 104°F (40°C) in summer.

Most of the precipitation (rain, snow, or sleet) in the boreal forest comes from summer rain, which averages 12 to 33 inches (30 to 85 centimeters) per year.

Mountain forests face cold, dry climates and high winds. The higher the elevation, the harsher the conditions. Scientists estimate that for every 300 feet (91 meters) in elevation, the temperature drops more than 1°F. On Alaskan mountains, temperatures in January average about 8°F (-13°C) and in July only 47° F (8° C).

In general, northern hemisphere forests found on the northern side of mountains are shaded from the sun and the air is cooler. The forests receive more rainfall and have denser stands (groups) of trees and other plants. Forests on the southern side of mountains are drier, warmer and have less vegetation.

The redwood and Pacific Northwestern forests have a climate that is moderated by the Pacific Ocean and the coastal mountain ranges. In the Olympic Rain Forest in Washington, for example, the temperature is always above freezing in winter and is seldom higher than 85°F (29°C) in summer. Up to 145 inches (368 centimeters) of rain fall annually.

Answer the following

- (a) Do as directed (4 × 1 = 4)
- (i) Give the synonym of the following words :
- (1) Coniferous, (2) Tropical

- (ii) Give the antonyms of the following words
 (1) Warm (2) Severe
- (iii) Give the meaning of the words/Phrases
 (1) Drops (v) (2) Vegetation
- (iv) Give the appropriate word to fill the blank. The meaning of the whole word is given in brackets.
 (1) To step ————— (to resign)
 (2) To kindle ————— (to make something start to burn) (5)
- (b) What affects the climate of an area?
- (c) What is 'Taiga'?
- (d) Why are northern hemisphere forests cooler?
- (e) Mention the name of the forest where the temperature is always above freezing in winter.
- (f) Why and how does temperature drop and climb in 'Taiga'?
- (g) Fill in the blanks from the passages : (4)
 Mountain forests ——— (face/faces) cold
 ——— (dry/dried) climates and ———
 (high/higher) winds. The ———
 (harsh/harsher) conditions.

(h) State whether the following statements are true or false (2)

(i) The presence of mountain ranges and oceans do not affect the climate of an area

(ii) The hemisphere forest shaded from the sun is cooler than the other forests.

2. Read the following advertisement and answer the questions that follow. (5 × 1 = 5)

WANTED

(For a leading CBSE school @ salem. TN)

Faculty

For NEET/IIT - JEE (full. Time)

- Maths
- Physics
- Chemistry
- Botany
- Zoology

Qualified teachers with a minimum of 8 years in NEET/IIT-JEE coaching can apply

Work place : Salem, Tamilnadu.

Kindly forward your resume to the following mail-id
cbcs schools. Resume 21 @ yahoo. com.

- (a) Name the advertiser
- (b) How many are going to be appointed?
- (c) What is the minimum qualification required?
Why is this advertisement given?
- (d) Mention the address to forward the Resume.

PART B — (10 marks)

3. Read the following passage. Each line contains an error. Identify the error and write the correct answer. (5 × 1 = 5)

Passage	Error Correction
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It is rightly said a sound mind	
need a sound body. Sports help us	
to build a health body. A sportsman	
performed physical exercises	
regularly. He hates laziness. He	
obeys the orders of his captain and	
performs his roll well A good	
sportsman knows that the success	
by the team depends upon good	
team work	

4. Rewrite any one of the passage.

- (a) Rewrite the paragraph by arranging them in correct order. (5)

Consume it with tea or coffee, with chutney or ketchup, it always works. You can be an overworked employee, a tired mother, a stressed out student-samosa always provides comfort. Samosa is the comfort food one can rely on any time. One bite and all your worries melt away. Whether it is a summer afternoon, rainy August or wintry December, Samosa never disappoints.

- (b) Rewrite the statements into questions.

- (i) Rivers start as very small streams and gradually get bigger as more water is added.
- (ii) Heavy rains and spring Meltwater add so much to some rivers.
- (iii) The water in river comes from many different sources.
- (iv) Rivers can begin in lakes or as spring that bubble up from underground
- (v) Other rivers start as rain or melting snow and ice high up in the mountains.

- (c) Replace the underlined words with suitable clauses
- (i) He received a warm welcome when he arrived
 - (ii) She bought a flask that was made up of stainless steel
 - (iii) I know the place where I was born
 - (iv) The lamb followed Mary wherever she went
 - (v) He acted in such a stupid way that all of us laughed at him.

PART C — (20 marks)

5. Answer any FOUR of the following. (4 × 5 = 20)
- (a) There is a frequent power cut in your area. Write an email to the electricity board authorities of your region complaining the inconvenience caused.
 - (b) People have stopped wearing masks and gathered as large crowds, during Corona pandemic. Write your opinion on this kind of public behaviour.
 - (c) While travelling by car, you are caught by the health officials and fined for not wearing masks. Heated arguments follows, but you pay the fine and drive away. Write a script based on this situation.

- (d) Write a letter of application to a retailer of domestic appliances for the post of a store manager.
 - (e) The NSS of your college is a Ten-day camp in a village. Prepare a brochure giving details of date, venue and programme schedule and prepare a short write up of your college.
 - (f) Write a short article on Rainwater harvesting.
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