**GREENLAWNS HIGH SCHOOL**

**FINAL EXAMINATION 2022-23**

**SUBJECT: GEOGRAPHY CLASS: IX**

**TIME: 2 HOURS MARKS:80**

**SECTION-I (20 Marks)**

Attempt **all** questions from this **Part (30)**

**Question 1**

**Answer the following questions briefly:**

1. What is Coriolis effect? How does it affect the Planetary winds? (2)
2. What is radioactive pollution? (2)
3. Why is radioactive pollution more harmful than the other types of pollution
4. Differentiate between Evaporation and Condensation. (Definition only) (2)
5. Explain the following terms:
6. Humidity
7. Atmospheric Pressure (2)
8. What are Jet Streams? (2)
9. State one significance of Jet Stream?
10. Draw a well labelled diagram showing Land breeze. (2)
11. With reference to the Natural regions of the world, answer the following:
12. What are Xerophytic plants?
13. How do some of these protect themselves from animals?
14. Based on temperature, name two types of ocean currents.
15. Give one example of each. (2)
16. Define the following:
17. Global warming
18. Ozone layer (2)
19. Give two examples of each of the following:
20. World pressure belts
21. Types of clouds (2)

**Question 2**

On the outline World map, mark, shade and label the following: (10)

1. Tundra region
2. River Euphrates
3. Andes
4. River Orange
5. Temperate grasslands in Australia
6. River Ob
7. Tropical Grasslands in Africa
8. River Ganga
9. Atlas
10. Appalachian Mountains

**SECTION-II**

**Attempt any five questions from this section. (50)**

**Question 3**

1. How does salinity of ocean water cause an ocean current?
2. Give one example. (2)
3. Distinguish between location of Troposphere and Exosphere. (One point only.) (2)
4. Where is the Stratosphere located?
5. Stratosphere is ideal for flying jet aircrafts. Explain. (3)
6. Draw a neat and labelled diagram showing occurrence of high and low tide. (3)

**Question 4**

1. Distinguish between the following terms. (Definition only)
2. Insolation and Terrestrial radiation (2)
3. Conduction and Convection (2)
4. Give geographical reason for the following:
5. The temperature of Mumbai is more than Delhi in December.
6. Temperature decreases with increase in altitude.
7. The atmosphere is heated more by terrestrial radiation than by incoming solar radiation. (3)
8. Explain the following terms:
9. Heat budget
10. Heat balance
11. Altitude (3)

**Question 5**

1. List four factors affecting atmospheric pressure. (2)
2. Draw a neat and well labelled diagram of Sea Breeze. (2)
3. Give geographical reason for the following:
4. Scuba divers experience decompression sickness.
5. The sub-tropical high-pressure region is also known as Horse latitude.
6. Chinook is beneficial to the ranches east of the Rockies. (3)
7. The Westerlies blow with greater force in the southern hemisphere than those in the northern hemisphere. Explain
8. State two characteristics of Westerlies. (3)

**Question 6**

1. Name four chief forms of Condensation. (2)
2. Explain the term Precipitation.
3. List two chief forms of Precipitation. (2)
4. Briefly explain the factors favouring evaporation. (In one sentence only) (3)
5. Draw a well labelled diagram showing Relief rainfall. (3)

**Question 7**

1. With reference to pollution, explain primary pollutants and secondary pollutants. (Definition only) (2)
2. Give two examples of each of the following:
3. Sources of noise pollution
4. Sources of air pollution (2)
5. Define the following terms:
6. Eutrophication
7. Biomagnification
8. Pathogens (3)
9. What is Organic farming?
10. List two points of importance of Organic farming. (3)

**Question 8**

1. State two areas where the following natural vegetation is found.
2. Mediterranean
3. Tropical desert (2)
4. Explain the climate and temperature of Taiga region. (2)
5. Give geographical reason for the following:
6. Temperate Grasslands differ from the Tropical Savannas.
7. Deciduous trees shed their leaves in dry season.
8. The Siberian climate is experienced in the Northern hemisphere and not in the southern hemisphere. (3)
9. State the location of the following regions:
10. Tropical Grasslands
11. Tropical Deserts
12. Temperate Grasslands (3)

