

ICSE SAMPLE QUESTION PAPER

CLASS 9 GEOGRAPHY

TIME: 2 Hours TOTAL MARKS: 80

GENERAL INSTRUCTIONS

- 1. Answers to this Paper must be written on the paper provided separately.
- 2. You will not be allowed to write during the first 15 minutes.
- 3. The time given at the head of this Paper is the time allowed for writing the answers.
- 4. Attempt all questions from Part I (Compulsory).
- 5. Attempt five questions Part II,
- 6. The intended marks for questions or parts of questions are given in brackets [].

PART - I (30 Marks)

Question 1 a) Although Venus is the second planet from the Sun, it is hotter than Mercury. Give reason. [2] b) What are the lines of latitudes and longitudes? [2] c) Why are igneous rocks also known as primary rocks? [2] d) Name three seasons of the tropical monsoon regions. [2] e) What is weathering? [2] f) Global warming will increase the possibility of droughts. Do you agree? Give reason in support of your answer. [2] g) Why does only 51% of insolation reach the Earth's surface? [2] h) What is the lithosphere? [2] i) What are urban commercial wastes? [2] j) State in percentages, the distribution of land and water surface on the Earth. [2] **Question 2** On the outline map of the World provided, mark out the following: a) Coniferous Forest Region [1] b) Type of local wind - Chinooks [1] c) Sea of Okhotsk [1] d) Baltic Sea [1] e) Caledonian Folds [1] f) West Margin Type of Climate [1] g) The areas receiving rainfall of more than 1000 mm during the months of November to April [1] h) Plateau – Drakensberg [1] i) Aravalli Range [1] i) Mediterranean region in Europe [1]



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PART II (50 Marks)

Attempt any 5 Questions.

| Quest | ion 3 | |
|-------|---|-----|
| a) | i. Name three types of rocks. | |
| | ii. Mention the formation of any one type of rock. | [3] |
| b) | i. What are plutonic rocks? | |
| | ii. Give one example of plutonic rocks. | [2] |
| , | What is lithification? | [2] |
| d) | Name two processes that lead to the formation of sedimentary rocks. | [3] |
| Quest | cion 4 | |
| a) | i. What is Richter scale? | [2] |
| | ii. State its use. | |
| b) | Differentiate between the Richter scale and the Mercalli scale. | [2] |
| c) | i. What is a tsunami? | |
| | ii. How is it caused? | [3] |
| d) | i. In which earthquake zone of the world is India located? | |
| | ii. Which regions in India are prone to earthquakes? Give reasons. | [3] |
| Quest | cion 5 | |
| a) | i. What is rotation? | |
| | ii. Mention two characteristics of the rotation of the Earth. | [2] |
| b) |) What is the Coriolis Effect? | [2] |
| c) | i. What is meant by equinox? | |
| | ii. When does it happen? | [3] |
| ď |) Give reasons for the following: | [3] |
| | i. The month of February has 29 days in a leap year. | |
| | ii. Norway is called the 'Land of the midnight Sun'. | |
| | iii. 25 th December in New Zealand may be one of the hottest days of the year. | |
| Quest | cion 6 | |
| a) | i. What is denudation? | [2] |
| | ii. Name the processes involved in it? | |
| b) | Explain the process of frost action with the help of a diagram. | [3] |
| c) | i. What is chemical weathering? | [2] |
| | ii. How does it affect the rocks? | |
| ď |) Discuss three main chief characteristics of weathering. | [3] |



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| Questi | on 7 | |
|--------|--|-----|
| a) | Which water body has the maximum salinity? Why? | [2] |
| b) | What are tides? | [2] |
| | Name one factor that causes tides. | |
| c) | Discuss any three factors that influence ocean currents. | [3] |
| d) | State the importance of: | [3] |
| | i. The Labrador Current | |
| | ii. The Kuro Current | |
| Questi | on 8 | |
| a) | i. What is absolute humidity? | [2] |
| | ii. How is it expressed? | |
| b) | Explain two conditions when the air can become saturated? | [2] |
| c) | Discuss factors that determine the amount of rainfall. | [3] |
| d) | Discuss the seasonal distribution of rainfall. | [3] |
| Questi | on 9 | |
| a) | How can we reduce pollution by changing the raw materials? | [3] |
| b) | What are alternative fuels? | [2] |
| c) | How do filters work? | [2] |
| d) | Is open dumping a suitable option for managing wastes? Why? | [3] |
| | | |
| Questi | on 10 | |
| a) | What are secondary pollutants? Explain with the help of an example. | [2] |
| b) | What are biomedical wastes? | [2] |
| c) | Why is it harmful to dispose off household wastes into water bodies? | [3] |
| d) | i. What is thermal pollution? | [3] |
| | ii. In what ways humans are responsible for thermal pollution? | |