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|  | **Entrance Examination**  **February 2023** |
| **PHYSICAL GEOGRAPHY**  Time allowed: 1.5 hours (90 minutes)  All candidates should complete Section A,  and answer **ONE question only** from Section B | |

# SECTION A (50%)

**All candidates must complete this section**

Choose five landforms for an environment of your choice (e.g., fluvial, glacial, dryland, coastal). For each landform describe its key characteristics and explain the processes that lead to its formation.

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# SECTION B (50%)

Candidates should **answer one** of the following questions:

1. Describe the ways in which vulnerability can be reduced in earthquake active regions.

1. What influences variation in river discharge in any given year?
2. Using examples, discuss how human activity has altered global carbon stores.
3. Discuss why fieldwork is important in Physical Geography.
4. There is global concern over the effects of sea level rise. Describe the mechanisms behind eustatic sea level rise.
5. Describe the negative effects of large dams on the environment. Use examples to support your answer.