

ELITE IAS

A Premier Institute for Civil Services

Reflective Exercise

A TOOL FOR CRITICAL THINKING

GEOGRAPHY

General Geography and Geomorphology

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REFLECTIVE EXERCISE

Reflective practice is an assessment that encourages students to reflect on what they have learned and to relate that learning to some specific context. Most of the candidates are engaged in taking tests and writing more and more. Often, they repeat mistakes and worry about constant low marks in tests.

Reflective practice is, in its simplest form, thinking about or reflecting on some questions or issues. It is closely linked to the concept of learning from thinking and recollecting and developing correlation between different topics and subjects. These practices help to deliver thought quickly and qualitatively a better content.

GENERAL GEOGRAPHY AND GEOMORPHOLOGY

Chapter: 1. Explain the necessary preconditions for a celestial body to be considered as a planet and the reason behind Pluto losing its status as a planet.

Thinking Line: 1.

2.

3.

Chapter: 2. What is a circle of illumination? How is rotation of the earth responsible for bulging of the earth at equator and flattening at poles?

Thinking Line: 1.

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Chapter: 3. Discuss "The Expanding Universe Hypothesis has emerged as the most acceptable theory regarding the origin of the universe." Discuss. Explain the incident of 'Big Splat' in accordance with the hypothesis.

Thinking Line: 1.

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Chapter: 4. “Despite the very high temperature in the earth’s interior, the earth’s core is in solid form.” Discuss. Why is the earth’s core made up of Iron and Nickel but not other elements?

Thinking Line: 1.

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Chapter: 5. What are the processes inside the earth’s interior which are responsible for geomagnetism? How is ‘Van Allen Radiation Belt’ formed due to this phenomenon?

Thinking Line: 1.

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Chapter: 6. What is ‘Polar Wandering’? Discuss its importance in determining palaeomagnetism and age of rocks.

Thinking Line: 1.

2.

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Chapter: 7. What are Submarine Earthquakes? How are these earthquakes responsible for natural disasters like Tsunamis?

Thinking Line: 1.

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Chapter: 8. What are different advantages associated with pyroclastic materials emitted during a volcanic eruption? Mention the phenomenon of 'Global Cooling' associated with Volcanism.

Thinking Line: 1.

2.

3.

Chapter: 9. Explain the various evidences which support the Continental Drift Theory. How this did provided a base for theories such as Sea floor Spreading theory and Plate tectonics theory.

Thinking Line: 1.

2.

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Chapter: 10. What are the factors responsible for formation of landforms in arid regions? Discuss with examples of 'Sief', 'Bajda' and 'Playas' in arid regions.

Thinking Line: 1.

2.

3.