

IAS Geography Optional Analysis Geomorphography Questions 1991 Onwards

1991: Analyses the sequential development of landforms in either Karst or Coastal region.

1992: Discuss, with examples, the influence of vulcanism and diastrophism on the evolution of landscape.

1993: Explain the factors causing rejuvenation in landscape and describe the resultant landform.

1994: Discuss the concept of cycle of erosion and bring out clearly the difference between the views of Davis and Penck.

1995: Discuss the limitations of the theory of Continental Drift and show how the theory of Plate Tectonics is an improvement over it.

1996: Discuss the processes of mechanical and chemical weathering and show their relationship with soil formation.

1997: Discuss the concept of polycyclic landforms and present an analytical study of the polycyclic landforms of a selected region.

1998: Discuss the concept of volcanicity and show how the theory of Plate Tectonics explains the mechanism of vulcanism and volcanic eruptions.

1999: Bring out the distinctions between the 'continental drift' theory and the 'plate tectonics' theory.

2000: With reference to the theory of plate tectonics, explain the origin and growth of young fold mountain

2001: Present a critical analysis of the theory of isostasy.

2002: Provide a critique of the 'geographical cycle' model, propounded by Davis.

2003: Explain the sequential development of landforms associated with the coastal areas.

2004: Describe the landforms which are products of endogenetic forces. 2005: "Structure is a dominant control factor in the evolution of Landforms" Discuss with suitable examples.

2006: Critically evaluate the continental drift hypothesis of A.Wegener.

2007: Define the concept of isostasy and discuss the postulations of Airy and Pratt.

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2008: Critically examine the concept of geomorphic cycle and discuss the views of W.M.Davis and W.Penck.

2009: (a) Highlight the geomorphic features essentially found in topographies under the Second Cycle of Erosion.

2009: (b) Discuss views on slope development provided by L.C.King.

2010: Karst Topography (Short Notes)

2010: Bring out the relevance of seismic study in determining the structure of earth's interiors

2010: Weathering is a complex phenomenon involving a number of the process and is influenced by various factors.

2011: (a) Name the climatically controlled agents of erosion. Explain how they differ in terms of properties of matter. Compare the landforms produced by each one of them

(b) Explain the concept of Isostasy as postulated by Airy and Pratt.

2012: (a) Palaeozoic glacial evidence for Continental Drift. (150 Words) (b) Systems approach to landforms analysis. (150 Words)

2012: Explain how Bosche and Haldenhang lead to the Theory of Slope Replacement. (400 Words) 2012: Characteristics of the standard epigene cycle of erosion. (250 words)

2012: Programmes initiated by the International Council of Science on Earth System Studies. (250 words)

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2013: Differences between Normal cycle and Arid cycle of Davis. (150 Words)

2013: What is 'Base level'? Explain the types of base level. (250 words)

2014: Define the term 'meander' and describe the basic characteristics of entrenched meander and in grown meander. (150 words)

2014: State the concept of plate tectonics. How does it help in explaining the formation of the Himalayas and Appalachian Mountains?

2014: Explain weathering and mass wasting, and describe their geomorphic significance.

2015: Attempt a classification of geomorphic processes from the zonal point of view.

2015: Discuss the contributions of the American School of Subaerial Denudation in geomorphology.

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2015: Explain with examples as to how channel dynamics has been responsible for the development of alluvial fans and cones.

2015: "Present-day landforms bear more complexity than simplicity." Elucidate.

2016: Describe the "Basket of eggs topography".

2016: "In explaining the concept of 'Pedi planation', King combined the ideas of Davis, Penck and Wood with his own." Elaborate.

2016: "Geological structure has a dominant control on landforms and is reflected on them." Discuss.

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