

IAS Mains Geography 2019 Topic-wise Important Questions

Physical Geography

1. 'Both the views appear similar but not the same.' In light of the statement give detailed comparative analysis of the views of Airy and Pratt on isostasy. (200 words)
2. With suitable diagrams explain concept of Holmes on isostasy. (200 words)
3. Analyse the sequential development of landforms in either Karst or Coastal region. (300 Words)
4. Discuss, with examples, the influence of vulcanism and diastrophism on the evolution of landscape (300 Words)
5. Explain the factors causing rejuvenation in landscape and describe the resultant landform. (300 Words)
6. Discuss the concept of cycle of erosion and bring out clearly the difference between the views of Davis and Penck.
7. Discuss the limitations of the theory of Continental Drift and show how the theory of Plate Tectonics is an improvement over it.
8. Discuss the processes of mechanical and chemical weathering and show their relationship with soil formation.
9. Discuss the concept of polycyclic landforms and present an analytical study of the polycyclic landforms of a selected region.
10. Discuss the concept of volcanicity and show how the theory of Plate Tectonics explains the mechanism of vulcanism and volcanic eruptions.
11. Bring out the distinctions between the 'continental drift' theory and the 'plate tectonics' theory.
12. With reference to the theory of plate tectonics, explain the origin and growth of young fold mountain.
13. Present a critical analysis of the theory of isostasy.
14. Provide a critique of the 'geographical cycle' model, propounded by Davis.
15. Explain the sequential development of landforms associated with the coastal areas.

16. “ Structure is a dominant control factor in the evolution of Landforms” Discuss with suitable examples.
17. Analyses the sequential development of landforms in either Karst or Coastal region
18. Discuss, with examples, the influence of vulcanism and diastrophism on the evolution of landscape.
19. Explain the factors causing rejuvenation in landscape and describe the resultant landform.
20. Discuss the concept of cycle of erosion and bring out clearly the difference between the views of Davis and Penck.
21. Discuss the limitations of the theory of Continental Drift and show how the theory of Plate Tectonics is an improvement over it
22. Discuss the processes of mechanical and chemical weathering and show their relationship with soil formation
23. Discuss the concept of polycyclic landforms and present an analytical study of the polycyclic landforms of a selected region.
24. Discuss the concept of volcanicity and show how the theory of Plate Tectonics explains the mechanism of vulcanism and volcanic eruptions.
25. Present a critical analysis of the theory of isostasy. (450 Words)
26. Explain the sequential development of landforms associated with the coastal areas. (450 Words)
27. “Structure is a dominant control factor in the evolution of Landforms” Discuss with suitable examples. (450 Words)
28. Answer in 450 words each:
 - Highlight the geomorphic features essentially found in topographies under the Second Cycle of Erosion.
 - Discuss views on slope development provided by L.C.King.
29. Bring out the relevance of seismic study in determining the structure of earth’s interiors (400 Words)
30. Name the climatically controlled agents of erosion. Explain how they differ in terms of properties of matter. Compare their landforms produced by each one of them (250 Words)
31. Palaeozoic glacial evidence for Continental Drift. (150 Words)
32. Explain how Bosche and Haldenhang lead to the Theory of Slope Replacement. (400 Words)

33. characteristics of the standard epigene cycle of erosion. (250 words)
34. Programmes initiated by the International Council of Science on Earth System Studies. (250 words)
35. Explain the origin, distribution and characteristics of tropical cyclones.
36. Discuss the origin, movements and characteristics of air masses and explain their role in influencing world climates.
37. Explain the basis of Koppen's classification of climates. Also mention its merits and limitations.
38. Explain and illustrate the life-cycle of a temperate cyclone and also describe the weather associated with it.
39. Define air masses. How do they originate? Classify them and state the characteristics of any one type.
40. Discuss the nature and composition of earth's atmosphere.
41. Make a comparative study of the tropical and temperate cyclones.
42. Discuss the distribution of precipitation in the world.
43. Discuss the mechanism and significance of tricellular meridional circulation of atmosphere. (400 Words)
44. Discuss the development of local winds, and their influence on local weather, giving three examples of the well-known local winds in the world. (400 Words)
45. Discuss the mechanism and origin of Monsoon winds and explain the role of El Nino on Monsoon circulation. (400 Words)
46. How does Climate Change affect urban areas ?(400 Words)
47. What is polar front and How does cyclone develop along this front ? Describe the weather conditions associated with it. (250 Words)
48. Examine the various kinds of atmospheric humidity and their associated forms. (250 Words)
49. Write a note on the Impact of Cryosphere on global climate. (250 words)
50. Give a reasoned account of the distribution of salinity in the oceans and partially enclosed seas. (250 Words)
51. Explain the illustrate the ocean floor topography and give a detailed account of the Mid-Atlantic Ridge. (400 Words)
52. Examine critically the theories of the formation of coral reefs and atolls. (300 Words)

53. Explain and illustrate the submarine relief of the Atlantic Ocean. (400 Words)
54. Give an account of global distribution of precipitation. (250 Words)
55. "Contemporary global climate change is an anthropogenic phenomenon." Discuss. (250 Words)
56. Compare and contrast tropical cyclone and temperate cyclone. (250 Words)
57. Explain and illustrate the life-cycle of a temperate cyclone and also describe the weather associated with it. (300 Words)
58. Examine critically the drawbacks of Koppen's Classification of climates. Explain how Thornthwaite attempted to overcome Koppen's limitations. (300 Words)

Models, Theories & Laws in Human Geography

1. Write short note : Gravity Model. (200 words)
2. Write a note on Weight Triangle. (200 words)

Sail through IAS Mains and Prelims: Fully-explained **Prelims** (Both GS & Aptitude) problems with detailed solutions. Notes & detailed answers for **Mains GS, Essay, Compulsory (Hindi and English) papers** and **optionals**.