

Test-1: Geomorphology (Examrace IAS Mains Geography Optional- Test Series 2024)

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Instructions

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Process

1. Join our test series now (any number of tests) by paying online. You will receive an enrollment number.
2. You can **either**:
 - a. Attempt the questions using pdf provided: Download and print the test.
 - b. Write the answers on clean sheets of paper: Mention your name, enrollment number, and phone number on a separate cover sheet.
3. **Enter the enrollment number on top of the test.**
4. Finish the tests properly keeping time.
5. **It is strongly recommended that full-length mock-test (13 and 14) be completed on the same day, one in morning session and one in the evening session with break of no more than 3 hours in between.**
6. Make note of the questions you were able to complete in the allotted time. If a question was partly completed, draw a line at that location.
7. Subsequently go on to complete the remaining questions.
8. We will provide you feedback on all 5 questions (giving you full benefit of test series), however marks will be given based on portion completed in allotted time.
9. Send the completed test by email. Clearly scan and send the completed test to contactus@doorsteptutor.com.
10. Fully evaluated copy along with answer/approach analysis will be send back to your email (within 15 days of receipt).
11. Improvement call: Dr. Manishika Jain will provide personalized feedback and areas of improvement.



Questions

1 (a) a. What are the methods and approaches to study landforms in geomorphology? (20 marks)









(b) Describe the processes of corrosion, corrasion, attrition and hydraulic action by river/stream.
Define Hypsometric curve with suitable diagram. (15 marks)







(c) What is tetrahedral hypothesis? Critically explain the evidences of continental drift theory of Wegener. (15 marks)







2 (a) Discuss the Nebular Hypothesis of Laplace regarding the origin of Earth? How does it differ from Kant's Gaseous Mass hypothesis. (20 marks)









(b) Explain how seismic waves suggest the layering of the earth's interior. (15 marks)







(c) Write a detailed account of the causes and effects of tsunamis with special reference to the tsunami of 2004 in the Indian Ocean. (15 marks)







3 (a) "The main work of a river in its lower course is that of deposition"- discuss the statement by mentioning important features made by the river in the lower course. (20 marks)









(b) Explain how exogenous processes help in bringing about gradation. (15 marks)







(c) Describe various types of coastline and give a brief account of the coastline of India. (15 marks)







4 (a) "Sand dunes and loess are two chief features formed by the depositional work of wind in the hot deserts". Elaborate the statement (20 marks)









(b) What do you mean by coral reefs? what geographical conditions are required for the formation of coral reefs? (15 marks)







(c) Write a brief account of the exogenous processes which bring about change on the surface of the earth. (15 marks)







5 (a) In which forms underground water is available at the earth's surface? discuss in detail and illustrate your answer with the help of diagram? (20 marks)









(b) Distinguish between intensity and magnitude of the earthquake and write a detailed account of the scale used to measure these quantities. (15 marks)







(c) "The origin of theory of isostasy lies in India only" discuss the statement and write Parth's views? (15 marks)





