

**PRESIDENT'S OFFICE**  
**REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**  
**GEITA ADVENTIST SECONDARY SCHOOL**  
**FORM FIVE HOLLIDAY PACKAGE 4<sup>TH</sup> MAY 2020**

**GEOGRAPHY**

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**Answer all questions.**

1. Critically examine the theory of continental drift and explain how it can be used to substantiate the landform formation on the earth's surface
2. Show the relevance or applicability of the theory of continental drift to the African continent
3. Account for the dynamic state of the earth and show its impacts on the earth
4. "The earth is restless". Substantiate the this statement
5. Providing evidences write a succinct account of the theory of isostasy
6. Show the differences between the theory of isostasy and the theory of continental drift
7. What are the impacts of the drifting movement of the continents.
8. Account for the plate movement and show the features that are formed on the plate margins.
9. Define the following
  - a. Element
  - b. Minerals
  - c. Rocks
  - d. Metamorphism
  - e. Rock cycle
10. Attempt the classification of the following
  - a. Rocks according to their mode of formation

- b. Igneous rock
- c. Metamorphic rock
- d. Sedimentary rock

11. Why is igneous rock referred to as mother rock

12. Write down what you understand by the following

- a. Dynamic metamorphism
- b. Regional metamorphism
- c. Contact metamorphism

13. What are the advantages and disadvantages of the geological time scale

14. Describe and explain the processes of the rock cycle

16. There are just as much varied landforms as there are numerous processes that lead to their formation. Substantiate this contention.

18. Classify igneous rock

19. In what ways are igneous rocks the origin of the other types of rock

20. Sedimentary rocks are said to be both industrial raw materials and source of energy. Justify

21. "The mother igneous". How does the statement help to explain the relationship between igneous and other types of rocks

22. With examples, classify sedimentary rocks according to their mode of formation and examine their importance to human kind.

23. With the aid of a diagram, describe three zones of the interior of the earth.

24. Explain four factors for the occurrence of earthquake and give its four effects

25. Describe the nature, distribution and significance of Fold Mountains.

26. Analyze the cause of plate's movement of the lithosphere

27. Describe volcanoes according to their mode of formation

28. With examples, examine eight values of rocks to human kind
29. Explain values of volcanism for the development of the society. give eight points
30. Describe five causes of plate tectonic movement and prove its existence by providing four evidences.
31. Describe the factors that determine the resistance of the rock to denudation
32. Justify the sphericity of the earth with vivid evidence
33. Discuss the environmental impact of greenhouse effects and global warming
34. Classify igneous rocks according to the place of occurrence and the chemical composition
35. Using concrete examples explain how faulting has been responsible for landscape evolution
36. Mechanical and chemical weathering in the tropics are related and influenced by the same factors'. Discuss
37. Giving vivid examples, explain the effects of diastrophic forces on the earth's surface
38. Examine the possible theories of mountain building
39. Examine how the following wind depositional features are formed in a desert landscape
  - a Barchans
  - b Longitudinal dunes
  - c Transverse dunes
40. 'Plate tectonic theory is a new version of continental drift theory'. Elaborate
41. Outline the pieces of evidence that support the theory of plate tectonics.
42. With examples, classify sedimentary rocks according to their mode of formation and examine their importance to humankind.
43. Examine the vertical structure of the atmosphere
44. Examine pieces of evidence of isostasy theory.

45. Examine the interdependence nature between weathering and erosion when shaping earth's surface.
46. To what extent can the theory of plate tectonic explain the present landforms in east Africa?
47. Using specific examples for each, contrast the effect of glaciations upon upland area and low land area.
48. Briefly discuss the conditions that produce hot springs and geysers.
49. Give an account of the world distribution of coral reefs and atolls and explain the problems posed by their origin.
50. Give an account of fluvial landforms formed by deposition
51. Define an artesian well. What are the necessary conditions for the formation of this type of well?
52. Justify the statement that, 'salinity in the oceans is a result of several causes'.
53. Describe the evolution of a coastal land as a result of waves.
54. Distinguish clearly the kinds of river rejuvenation and explain the land forms associated with it.
55. Describe the geological structure which leads to the formation of waterfalls.
56. How are the coastal characteristics related to emergence and submergence of the coastal lines?
57. Investigate the theories which aspire to describe the occurrence of glacial periods.
58. Describe the favorable conditions for the development of a river capture.
59. Examine the factors which influence the rate of coastal wave erosion.
60. Give an account of the factors which influence the amount of groundwater and the rate of percolation.