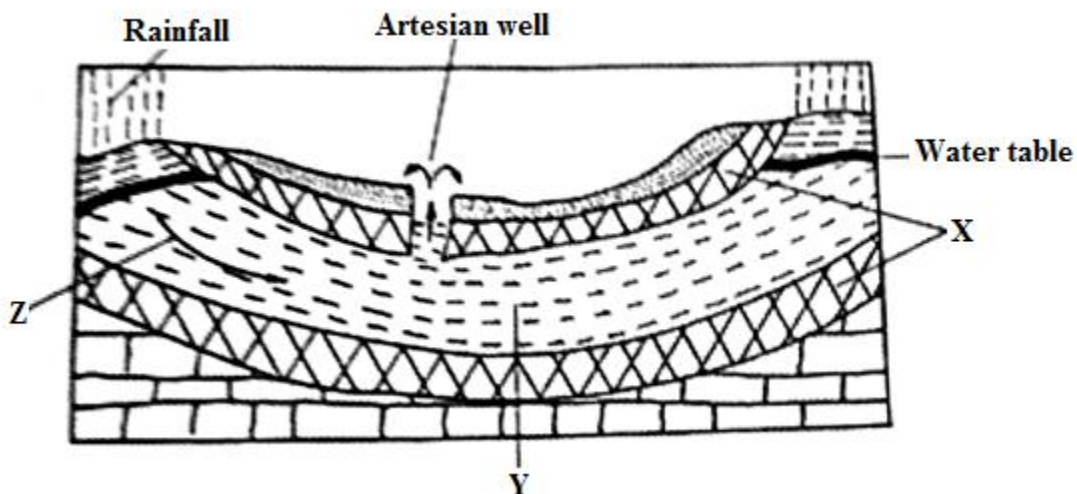
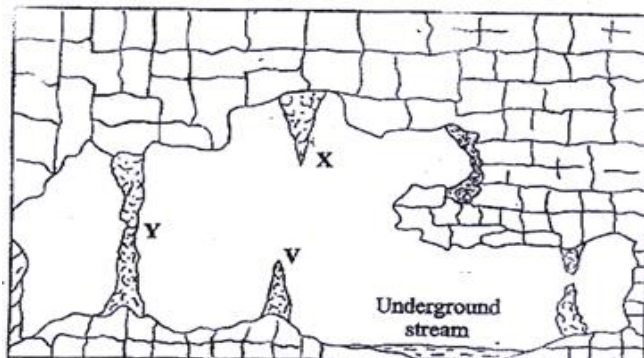


1. a) Give the sources of ground water.  
b) Identify ways through which ground water reaches the surface.
2. Explain how the following factors influence the existence of ground water.
  - Nature of rocks
  - Slope of the land
  - Vegetation cover
3. a) Define the term spring.  
b) Explain ways through which springs occur.
4. The diagram below represents an artesian basin. Use it to answer questions that follow



- a) Identify the layers marked X and Y.
- b) Identify the process marked Z.
- c) State the ideal conditions for the formation of an artesian well.
5. Explain the problems associated with the availability of ground water.
6. a) What is karst scenery?  
b) Give the surface features found in a limestone area.
7. The diagram below represents underground features in a limestone area. Use it to answer question the questions that follow.



- a) Identify the features marked V, X and Y.
- b) Describe how the feature marked X is formed.

8. Explain the significance of features that result from water action in limestone areas.
9. Describe the following processes of ice movement.
  - Basil slip
  - Extrusion flow
10. Explain the factors that influence glacial erosion
11. a) A part from cirques, give other features of highland glaciation.  
b) Using well labeled diagrams, describe how a cirque is formed.
12. Explain the conditions that may lead to glacial deposition in lowlands.
13. a) What is soil catena?  
b) Draw a labeled diagram to show a well-developed soil profile.  
c) State three characteristics of the soils found in the arid regions of Kenya
14. Describe how laterization occurs.
15. Explain how the following measures are used to conserve soil;
  - Mulching
  - Afforestation
  - Bush fallowing
16. a) Define shifting cultivation.  
b) Outline the characteristics of shifting cultivation.
17. Describe the production of tea from cultivation to processing.
18. a) State physical factors that favour coffee growing in Kenya.  
b) Compare coffee farming in Kenya and Brazil.
19. a) Name the horticultural flowers grown in Kenya.  
b) Give reasons why growing of flowers in greenhouses is preferred in Kenya.
20. a) A part from milk products, name other products obtained from dairy animals.  
b) Compare dairy farming in Kenya and Denmark.  
c) Explain ways in which commercial beef farming contributes to the economy of Kenya.