Unit 1: MAP WORK INTERPRETATION

1. (a) Explain the procedure followed while finding the bearing of one point from another
   (b) Using the procedure you have given in question (a) above, find the bearing of point G in the diagram below.

2. Briefly write notes on the meaning of grid references.
3. Provide methods used to get direction of a place on a map.
4. Define the following terms:
   a) Relief
   b) Contours
   c) Trigonometric station
5. Find out how important a spot height is to a map reader. Make short notes from your finds.
6. What is the best way of representing relief on a map?
7. Name types of relief that can be shown on a map.

Unit 2: TYPES OF PHOTOGRAPHS

8. Define a photograph
9. In pairs, draw the parts of photograph.
10. Discuss the importance of photograph
11. Differentiate between the three parts of photograph.

Unit 3: INTERPRETATION OF PHOTOGRAPHS AND VIDEO IMAGES

12. Write briefly notes on each of the following types of photograph:
    a) Ground close-ups
    b) Oblique photographs
13. Describe the procedure you will use when drawing a sketch from a photograph.
14. Explain briefly how can accurately show features on a sketch drawn from a photograph.

Unit 4: TECTONIC PROCESSES

15. State the causes of earth movements
16. Using diagrams, Explain the formation of normal faults and reverse faults

17. List examples of Fold Mountains in Africa.
18. Mention areas of warping in Rwanda.
19. Using geographical knowledge, Explain the effects of earthquakes.

Unit 5: THE EXTERNAL LANDFORM PROCESSES

20. Define soil.
21. Identify the agents of erosion.
22. State the different forms of weathering.
23. Discuss different forms of mass wasting.
24. Describe the causes of soil erosion and mass wasting.
25. Explain the measures of controlling erosion and mass wasting.

Unit 6: RELIEF IN RWANDA

26. What is the meaning of the term "relief"?
27. What are some of the relief features in Rwanda?
28. On what type of relief do people practice contour farming and why? Give examples of such areas in Rwanda.

Unit 7: WEATHERING AND ROCKS

29. State and explain different types of weathering.
30. Explain the factors that influence weathering.
31. Determine the relationship that exists between weathering and rock types.

Unit 8: SOILS IN RWANDA

32. Write brief notes on the three constituents of soil.
33. How does heavy rain cause soil impoverishment?
34. Herbert has a small farm on which he practices mixed farming. Lately, the productivity has gone down.
    a) What are some of probable causes of declining farm productivity?
    b) Suggest appropriate solutions that Herbert could apply to improve soil quality.
35. How does Rwanda stand to benefits from soil conservation?

Unit 9: CLIMATE AND CLIMATE CHANGE IN RWANDA

36. In your note books, draw the map of Rwanda showing the climate zones of Rwanda.
37. Write down the indicators for climate change in Rwanda.
38. Explain the causes and effects of climate change in Rwanda.
39. Write an essay on the measures being taken in Rwanda to mitigate effects of climate change.

Unit 10: VEGETATION IN RWANDA

40. Name two vegetation types in Rwanda and for each given an example of a region where it is found.
41. Explain how rainfall influences distribution of vegetation in Rwanda.
42. What is the importance of Nyungwe Forest to the population around it?
43. Explain why it is important to conserve vegetation.
44. What role do the local communities in Rwanda play in conservation of vegetation?

Unit 11: DRAINAGE IN RWANDA

45. What is the origin of water bodies in Rwanda?
    a) Draw a sketch diagram of feature below.
    b) Use simple diagrams to describe how it could have formed.

46.
    a) Describe how Lake Kivu was formed.
    b) Explain how communities make use of the waters of Lake Kivu.
47. Match the following activities with the correct process. The first on has been done for you.

Activity	Water management	Water conservation
Recycling water from the kitchen to grow vegetables		
Training people on careful use of water		
Storing water for use during the dry season		
Protecting water catchment areas		
Digging wells		
Disinfecting water		

48. Supposing you are a member of the water club, you have been asked to share with the class wise use of water. Prepare five points for presentation.

Unit 12: ENVIRONMENTAL CONSERVATION IN RWANDA

49. Explain the meaning of:

    a. Environmental resources
    b. Environmental degradation
50. Give three proper ways of farming that protects soils from erosion.
51. Explain the causes of over-exploitation of forests in Rwanda.
52. Describe the measures that should be taken to ensure water resources in Rwanda are conserved.

Unit 13: POPULATION IN RWANDA

53. Identify and explain the factors influencing population distribution and density in Rwanda.
54. Describe the population structure of Rwanda.
55. Explain the causes for population movements in Rwanda.
56. Outline the reasons for rapid population growth and state the effects.
57. Suggest ways through which Rwanda can control the population growth.
58. Explain the impact of early sex, health risks, HIV and ids and STDs.
59. Suggest the various ways of preventing the spread of these diseases in Rwanda.
60. Describe the demographic problems in Rwanda and for each suggest possible solutions.

Unit 14: RURAL AND URBAN SETTLEMENT IN RWANDA

61. What is the meaning of the following terms:
    - Settlement
    - Land use
    - Urbanization
62. Give three characteristics of rural settlements
63. Study the photograph provided and answers the following questions.
    a. Explain the problems that people living here may be facing.

b. What is housing shortage?
c. What are inclusive homes?

64. How does urban growth help in developing rural areas?
65. Write four functions of Kigali city.
66. Explain four efforts the Government of Rwanda has made to improve rural settlements.

Unit 15: AGRICULTURAL SYSTEM IN RWANDA

67. Explain the meaning of "commercial livestock farming".
68. Give reasons why farmers in Rwanda should keep small animals at home.
69. Discuss the contributions of livestock farming in Rwanda.
70. Explain the major characteristics of dairly farming in Rwanda.
71. Describe the problems affecting cattle keepers in Rwanda and give the solutions to these problems.
72. Explain the meaning of the term "*agriculture modernisation*"
73. Suggest the ways of transforming agricultural practices in Rwanda.

Unit 16: FORESTRY IN RWANDA

74. Draw a map of Rwanda and locate the forest areas.
75. Explain the importance of forests in Rwanda.
76. Identify the causes of deforestation and discuss the solutions being undertaken in Rwanda.
77. Explain why some areas in Rwanda are under more risk of deforestation than others.
78. Explain the effects of forestry on the sustainable development in Rwanda.

Unit 17: FISHING AND FISH FARMING IN RWANDA

79. Identify the major fish species caught and major fishing areas of Rwanda.
80. Explain the factors responsible for the growth of fishing industry in Rwanda.
81. Which fishing methods are commonly used in Rwanda and why?
82. Explain the problems facing the fishing industry in Rwanda.
83. Describe the fish preservation and conservation methods used in Rwanda.

Unit 18: MINING AND QUARRING IN RWANDA

84. Name three precious minerals mined in Rwanda.

85. Complete the table below with the correct answers.

Mineral	Area mined	Method of mining used	Use of the mineral
Clay		Open- cast	
Salt			
Methane	Lake Kivu		
		Open- cast	Making glass

86. Correct this statement: We need not worry too much about our supply of minerals because other materials can serve all purposes the metals can serve.
87. From your study of minerals write two key things you have learnt you would like to share with your community.

Unit 19: POWER AND ENERGY IN RWANDA

88.
    a. Explain how water is a renewable source of energy.
    b. Give three examples of non-renewable energy sources.
89. Suggest four reasons why most people in Rwanda mainly use wood fuel.
90. In which ways could the communities use wood fuel effectively?
91. Describe the problems that Rwanda experiences in the production of Hydro-electric power.

Unit 20: INDUSTRY IN RWANDA

92. Outline the major types of industries in Rwanda.
93. Explain some of the factors that influence the location, growth and development of industries in Rwanda.
94. Describe the importance of industrial development to the economy of Rwanda.
95. Explain the problems and effects of industrial growth and development in Rwanda.

Unit 21: TRANSPORT, COMMUNICATION AND TRADE IN RWANDA

96. Describe the different types of transport and communication systems in Rwanda.
97. Discuss the advantanges and disadvantages of :
    i. Air transport
    ii. Road transport
    iii. Telephone.
    iv. Radio and television.
98. Explain three problems that Rwanda experiences due to being landlocked.

99. Describe the internal types of trade in Rwanda.
100. Explain the problems that Rwanda experiences in carrying out overseas trade.

Unit 22: TOURISM IN RWANDA

101. Identify the different tourist attractions in Rwanda.
102. Give four reasons why tourism is an important economic sector in Rwanda.
103. Explain the problems that affect tourism in Rwanda and suggest how each can be solved.
104. How does Rwanda relate with the other East African Community member countries in the area of tourism?