GRADE 10 GEOGRAPHY
2026 NOVEMBER – DECEMBER HOLIDAY ASSIGNMENT
QUESTION PAPER

Name: _____	Admission/Assessment Number: _____
School: _____	Date: _____

INSTRUCTIONS TO CANDIDATES

1. Answer all questions in the spaces provided or in your exercise book where necessary.
2. Write clearly and show all working for calculations, including units where applicable.
3. Study each figure carefully before answering the questions that refer to it.
4. Use labelled sketches, examples from Kenya and other relevant places where required.
5. For field-based tasks, observe safety, respect people and property, and record findings honestly.
6. The assignment carries 100 marks. Check that you have attempted every question.

ASSESSMENT RUBRIC

Strand	Maximum Marks	Marks Scored
1.0 Practical Geography	30	
2.0 Natural Systems and Processes	30	
3.0 Human and Economic Activities	40	
TOTAL	**100**	

QUESTION 1: INTRODUCTION TO GEOGRAPHY (6 MARKS)

(a) Explain what is meant by Geography [2 marks]

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(b) Describe two ways in which the study of Geography can contribute to sustainable development in Kenya [2 marks]

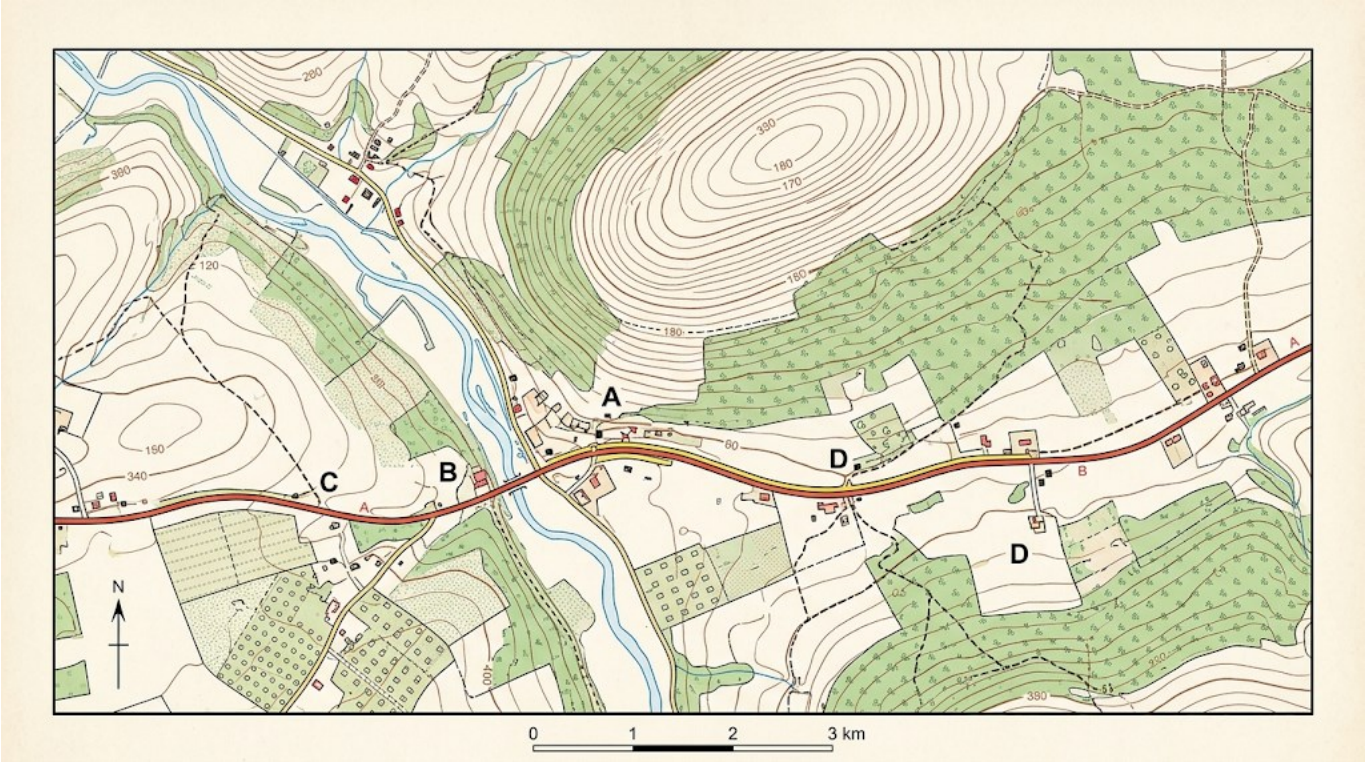
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(c) State two careers related to Geography and explain one skill needed in any one of them [2 marks]

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QUESTION 2: MAP READING AND INTERPRETATION (8 MARKS)

Study the topographical map extract represented schematically below. The sketch is not to scale.



(a) Identify the landform represented by the closed contour lines in the north-east [1 mark]

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(b) Describe the drainage pattern suggested by the river and its tributaries [2 marks]

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(c) Give two ways in which the map could be used to identify suitable areas for farming [2 marks]

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(d) Explain how a learner would draw a cross-section between points A and D [2 marks]

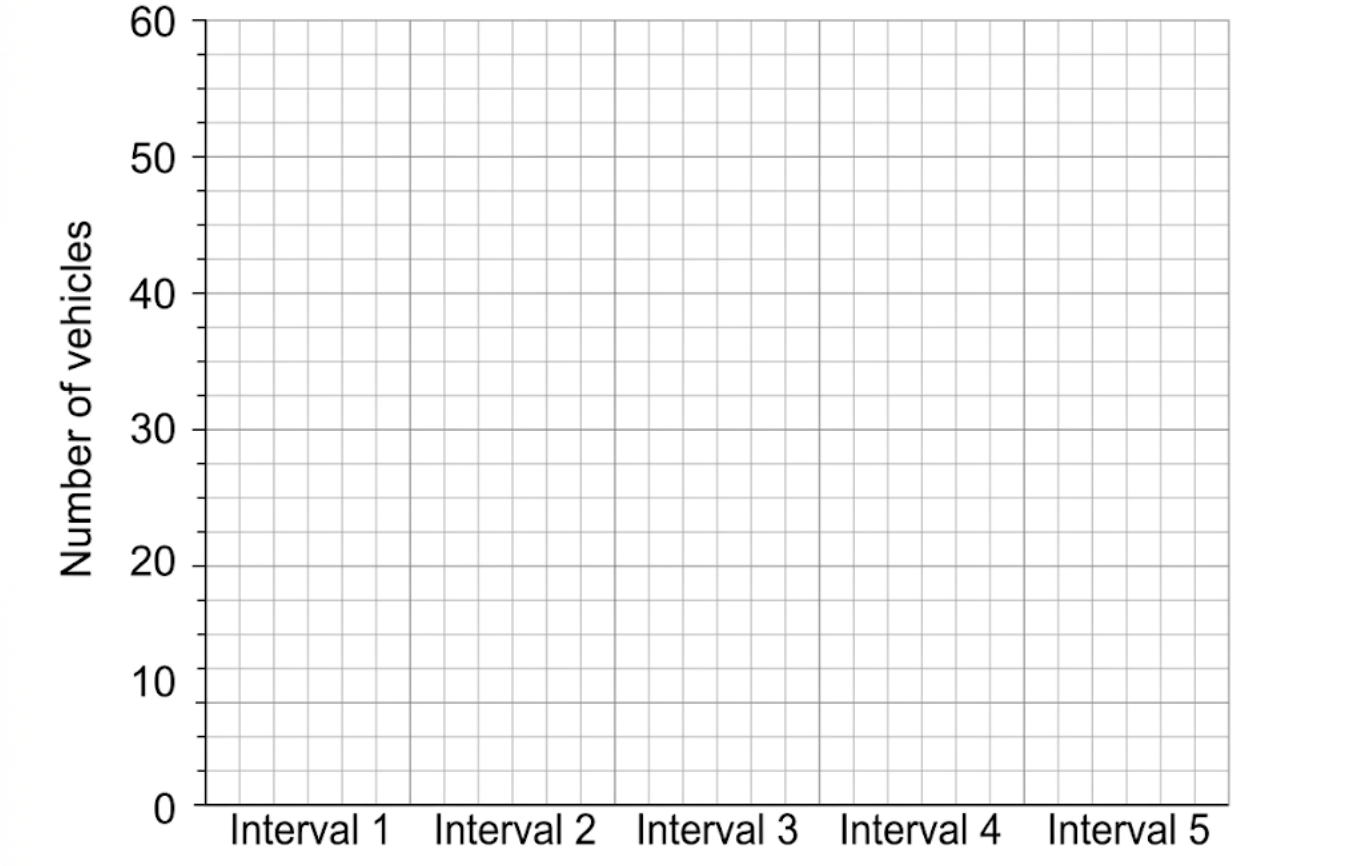
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(e) State one way map-reading skills support national development [1 mark]

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QUESTION 3: STATISTICAL METHODS IN GEOGRAPHY (7 MARKS)

A learner counted vehicles passing a road junction during five equal 10-minute intervals.



(a) The counts were 20, 35, 50, 40 and 25 vehicles respectively. Plot the data on the graph provided [3 marks]

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(b) Calculate the mean number of vehicles counted per interval [2 marks]

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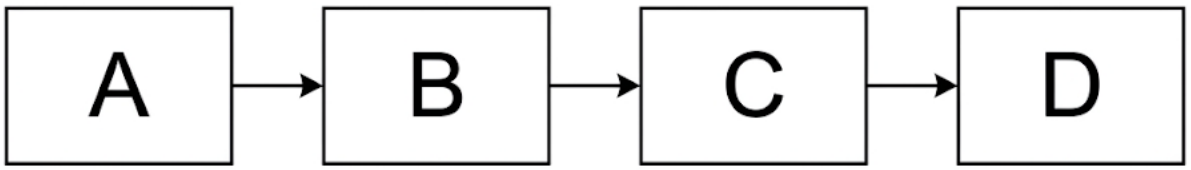
(c) State one limitation of using a short road count to explain traffic patterns [1 mark]

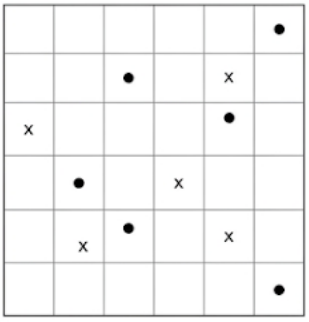
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(d) Suggest two ways to present geographical data collected during a field study [2 marks]

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QUESTION 4: GEOGRAPHIC INFORMATION SYSTEMS (GIS) (9 MARKS)





(a) Define a Geographic Information System (GIS) [2 marks]

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(b) Describe two components of GIS and explain the role of each [3 marks]

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(c) Explain two ways GPS or GIS can improve road safety in Kenya [2 marks]

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(d) Give two examples of geographical information that could be mapped around your school [2 marks]

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QUESTION 5: ROCKS (8 MARKS)



(a) Classify the three specimens according to their likely rock groups [2 marks]

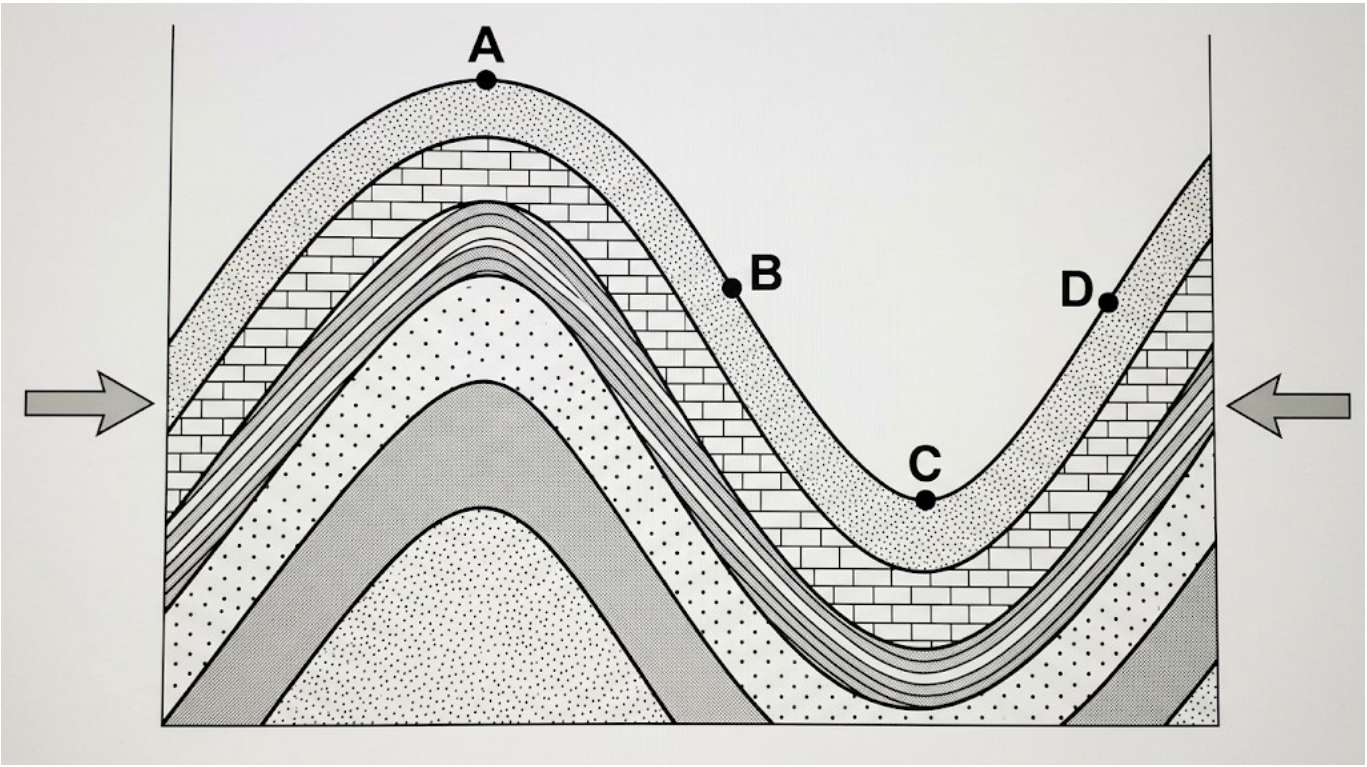
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(b) Explain how two of the rock groups form [3 marks]

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(c) State three ways rocks are important to Kenya's economy or daily life [3 marks]

QUESTION 6: FOLDING (7 MARKS)



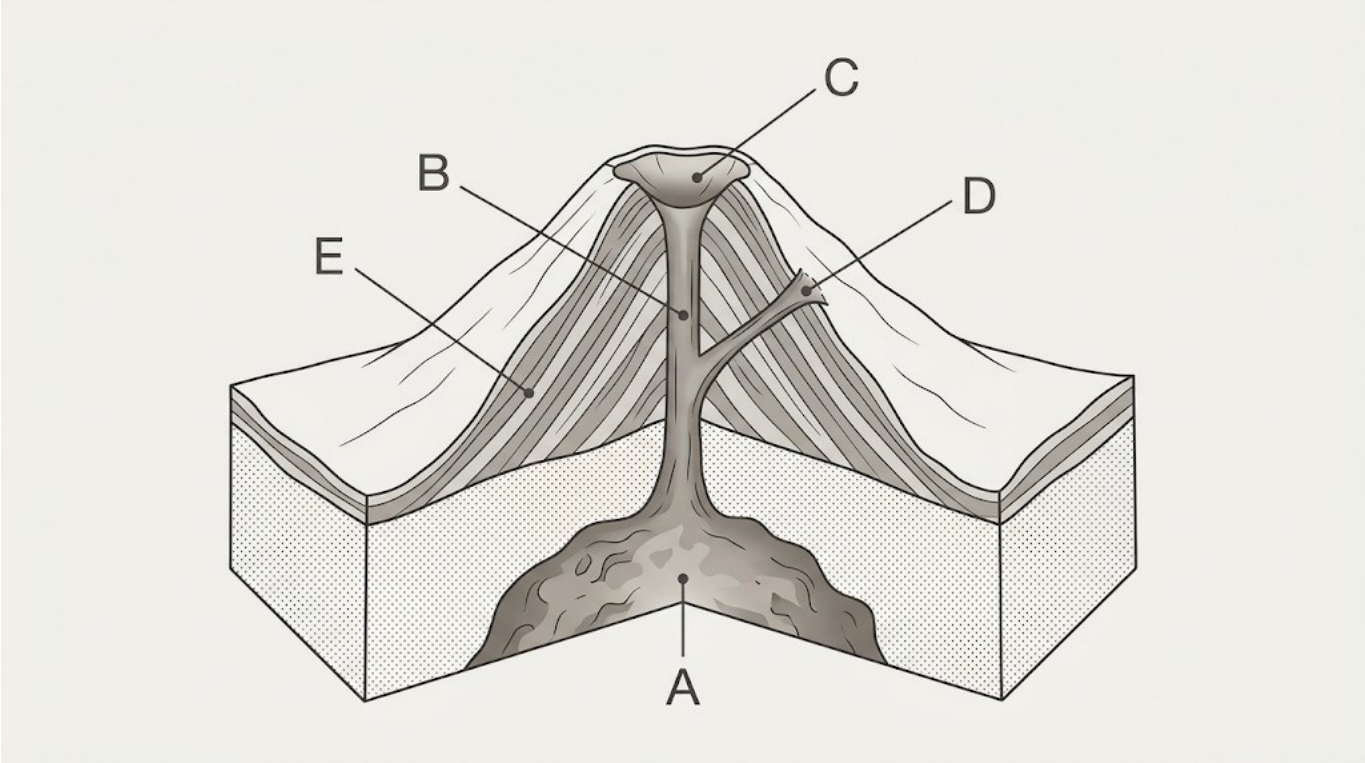
(a) Name the process illustrated [1 marks]

(b) Distinguish between the two main fold forms shown [2 marks]

(c) Explain two ways folding influences human activities [2 marks]

(d) Give two examples of fold mountain regions in the world [2 marks]

QUESTION 7: VULCANICITY (8 MARKS)



(a) Identify parts A and B from the figure [2 marks]

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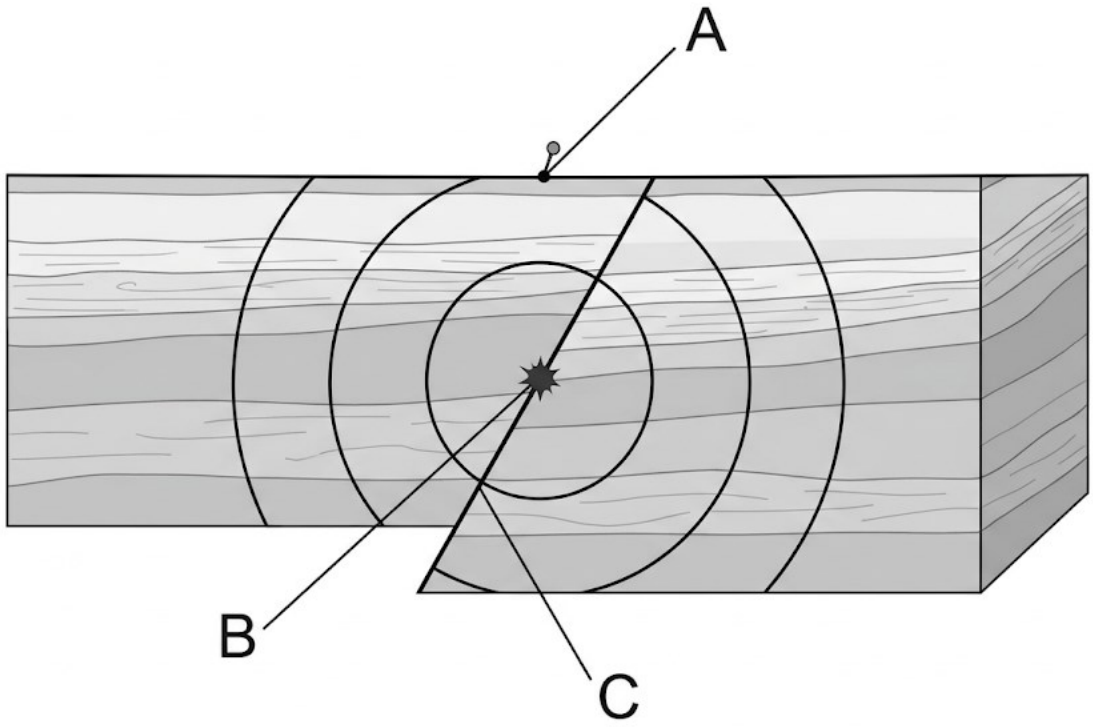
(b) Distinguish between intrusive and extrusive volcanic features [2 marks]

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(c) Explain two positive effects and two negative effects of vulcanicity [4 marks]

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QUESTION 8: EARTHQUAKES (7 MARKS)



(a) Identify the focus and the point directly above it on the surface [2 marks]

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(b) State two causes of earthquakes [2 marks]

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(c) Outline three safety measures households and schools can take before or during an earthquake [3 marks]

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QUESTION 9: AGRICULTURE (8 MARKS)

(a) Distinguish between subsistence, commercial and urban agriculture [2 marks]

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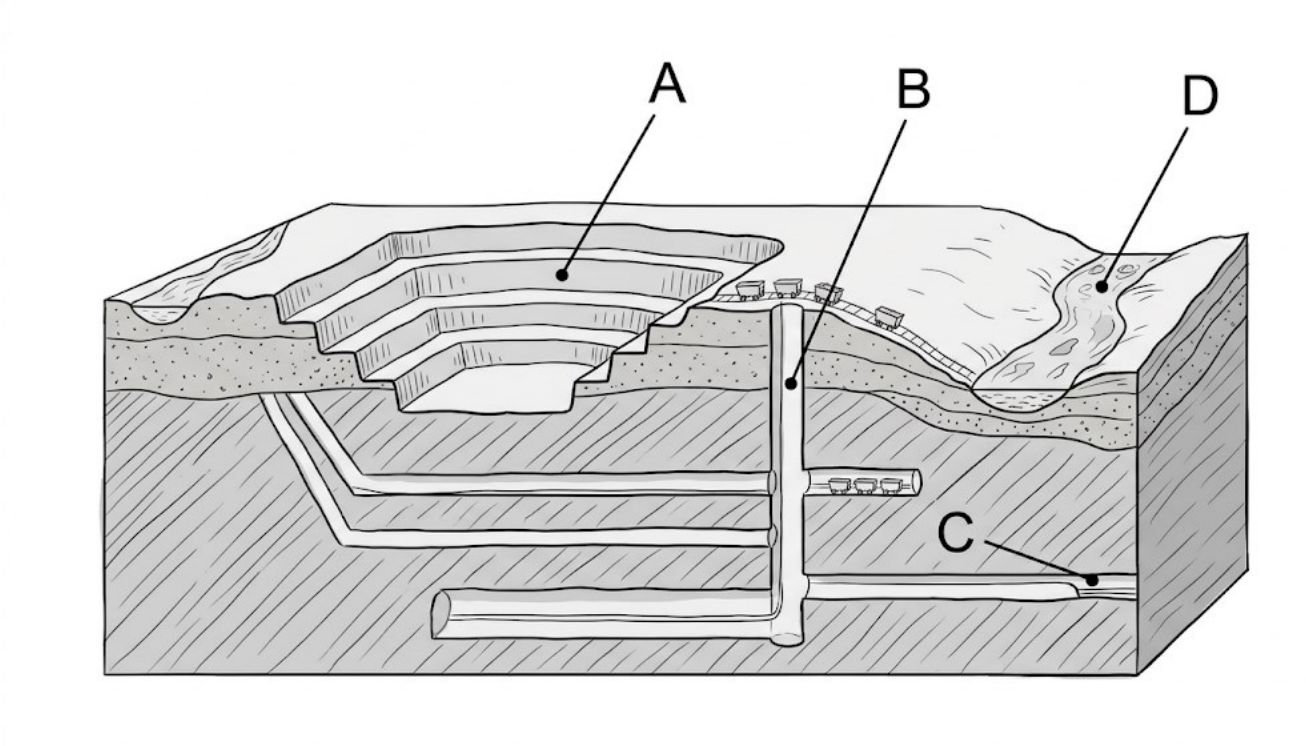
(b) Explain three ways agriculture contributes to Kenya's society and economy [3 marks]

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(c) Describe two challenges facing agriculture in Kenya and suggest one practical response to each [3 marks]

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QUESTION 10: MINING (7 MARKS)



(a) Identify two methods of mineral extraction represented in the diagram [2 marks]

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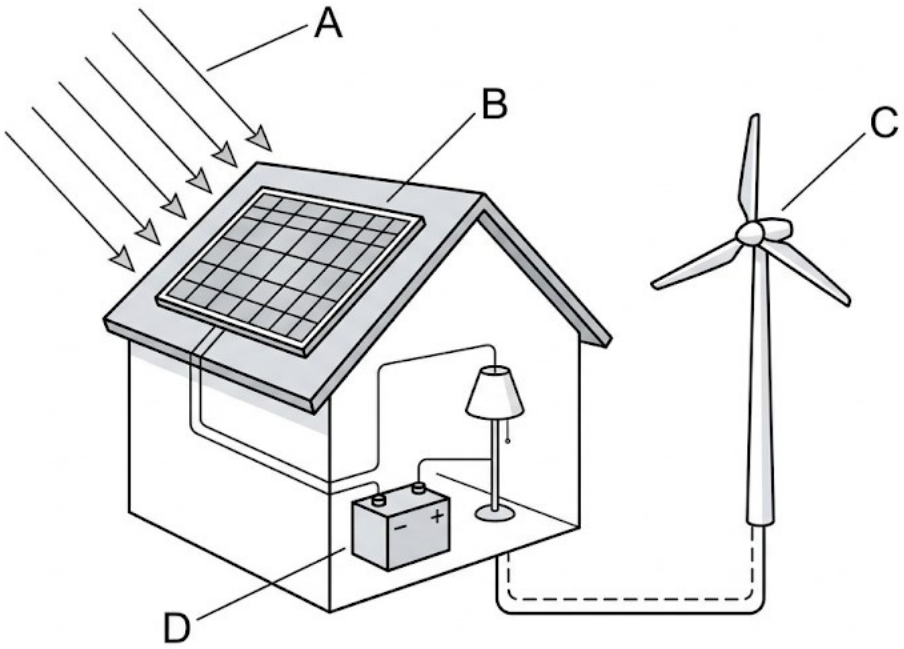
(b) Describe two factors that influence the occurrence and exploitation of minerals [2 marks]

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(c) Explain two environmental effects of mining and suggest one rehabilitation measure for each [3 marks]

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QUESTION 11: ENERGY (7 MARKS)



(a) Identify two renewable energy sources shown or implied in the figure [2 marks]

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(b) Explain three benefits of renewable energy for households and industry [3 marks]

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(c) Suggest two practical ways a household or school can conserve energy [2 marks]

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QUESTION 12: INDUSTRY (8 MARKS)

(a) Explain three factors that influence the location of industries [3 marks]

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(b) Describe three challenges associated with industrialisation in Kenya [3 marks]

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(c) A community plans to establish a small cottage industry. Recommend two actions that could make it sustainable and beneficial to local residents [2 marks]

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QUESTION 13: INTEGRATED GEOGRAPHICAL FIELD TASK (10 MARKS)

Carry out a small geographical investigation in your locality during the holiday. Choose one accessible topic, such as road traffic, land use, local farming, energy use or the effects of a nearby economic activity. Do not enter unsafe sites or collect personal information.

(a) State the topic, aim and two questions your investigation will answer [2 marks]

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(b) Describe the methods and materials you would use to collect information safely and ethically [3 marks]

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(c) Present at least five observations or data entries in a table, chart or labelled sketch [3 marks]

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(d) Write two conclusions and one practical recommendation based on your findings [2 marks]

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