**DARAJANI SECONDARY SCHOOL,**

**P.O. BOX 20-90129, NGWATA.**

**MID\_TERM 2, 2015\_ EXAMINATION**

**FORM 1**

**AGRICULTURE**

**TIME: 2HRS**

**NAME…………………………………………………………………………………………ADM. NO……………….. CLASS: ………….**

1. What is plantation farming system? ( ½ mark)

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1. Give two ways in which agriculture contributes directly to the development of industries. (2 marks)

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1. State three characteristics of shifting cultivation. (3 marks)

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1. List down the four aspects of rainfall that affect agriculture. (2 marks)

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1. Outline three effects of soil organisms which benefit crop growth. (3 marks)

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1. State two causes of hard pan in a crop yield. (2 marks)

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1. List two aspects of light that influences crop growth. (2 marks)

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1. The diagram below shows an experiment set up using soil type G, H and J and observations made after 24 hours. Study the diagram and answer the questions that follow.

G

H

J

Glass tube

Trough

Water

Water level

1. What is the experiment represented above designed to study? (1 mark)

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1. Name the three soil types. (3 marks)

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1. What is the characteristic texture of soil type G and H? (2 marks)

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1. State how a farmer would improve the structure of soil type G. (1 mark)

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1. Give three reasons why soil is important to crops. (3 marks)

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1. Give four reasons why a well drained soil is suitable for crop production. (4 marks)

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1. State two benefits of optimum soil temperature in crop production. (3 marks)

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1. List five factors which influence soil productivity. (5 marks)

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1. Diagrams M, N, P and Q represent some farm tools.
2. Identify the tools M, N, P and Q. (4 marks)

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1. Give the use of each of the tools named above. (4 marks)

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1. Define agroforestry. (1 mark)

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1. Outline four advantages of practising agroforestry. (4 marks)

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1. Name five climatic factors affecting agriculture. (2½ marks)

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1. List down five soil constituents. (2½ marks)

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1. Give five factors influencing soil formation. (2½ marks)

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1. Name three physical properties of soil. (3 marks)

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1. Define soil P.H. (1 mark)

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1. Explain five biotic factors which affect agricultural production. (10 marks)

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