**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ADM NO: \_\_\_\_\_\_\_\_\_\_\_\_CLASS:\_\_\_\_\_\_\_\_\_\_**

**DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SIGN: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

MARKS HERE

**AGRICULTURE FORM ONE**

**TERM 3, 2023**

**INSTRUCTIONS: ANSWER ALL THE QUESTIONS TIME: 1HOUR 30MINUTES**

1) What is soil fertility? (1mk)

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2) Give six indicators of a fertile soil. (6mks)

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3) Name three sources of underground water. (1 ½ mks)

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4) Name three types of water pumps that may be used in the farm. (1 ½ mks)

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 5) State the stages of chemical water treatment. (6mks)

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6) State four methods of draining waterlogged land (4mks)

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7) Name three ways of conveying water in the farm. (3 mks)

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8) State six ways of restoring soil fertility. (6mks)

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9) Give THREE importance of adding organic matter to the soil. (3mks)

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10) State four ideal characteristics of plant used to make green manure. (4mks)

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11) Justify why the use of green manure is not common among farmers in Kenya. (4mks)

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12) State four factors affecting the quality of farm yard manure. (4mks)

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13) State four factors to consider when siting compost manure pit. (4mks)

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14) Give the uses of the following in the preparation of compost manure. (2mks)

a) Calcium Ammonium Nitrate.

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b) Top soil.

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c) Well decomposed manure.

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d) Wood ash.

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