

S.1 MARKING GUIDE

AGRICULTURE

No.1

- ✓ Agriculture is the science, art or practice of cultivating the soil, producing crops like maize, beans, sorghum, millet, coffee and cassava and raising livestock such as cattle, goats, sheep, ducks, chicken for human benefit.

No.2

- ✓ As a science because it utilizes all technologies developed on scientific principle such as crop breeding, production techniques, crop protection and economics to maximize the yield and profit

No.3

- ✓ Increases the income for farmers,
- ✓ By providing food to all Ugandans
- ✓ By providing raw materials to non- agricultural sectors
- ✓ By providing market to non-agricultural sectors
- ✓ By earning from foreign exchange through export and import of the products
- ✓ By providing employment to all kind of Ugandans
- ✓ Encourage the creation of infrastructure
- ✓ Reduces the shortage capital

No.4

- ✓ Carbonation
- ✓ Oxidation
- ✓ Hydrolysis
- ✓ Acidification
- ✓ Hydration

No.5a)

- ✓ To determine the soil PH

No.5b)

- ✓ An acidic PH
- ✓ Neutral PH
- ✓ Alkaline PH

No.5c)

- ✓ Tea, rice, oil palm
- ✓ Coffee, cassava, mango, cashew
- ✓ Tobacco, citrus, pineapple, cow peas, blue berries.

No.6a)

- W -claw hammer
- X - Builders can
- Y - Watering can
- Z - Hand hoe

No.6b)

- ✓ Used for harvesting root crops like cassava
- ✓ Used for digging holes during planting
- ✓ Used for turning manure
- ✓ Used for weeding

No.6c)

- ✓ Washing it after use
- ✓ Using it for its specific/ designed work
- ✓ Keeping it in a dry cool place
- ✓ Not exposing to fire because of a wooden handle
- ✓ Repairing the broken parts

No.7

- ✓ Soil science
- ✓ Crop production
- ✓ Animal production

- ✓ Agriculture mechanization and farm structure
- ✓ Agriculture economics

No.8

- i) Pomology: is the growing of fruits
- ii) Apiculture: is the keeping of aquatic animals

No.9

- ✓ Loss of labour supply
- ✓ Death may lead to the reduction of the area of land under cultivation hence decline in yield/ poor land use

No.10 i)

- ✓ Hydrogen
- ✓ Nitrogen
- ✓ Oxygen
- ✓ Carbon
- ✓ Calcium
- ✓ Magnesium
- ✓ Sodium
- ✓ Sulphur
- ✓ Potassium
- ✓ Phosphorus

No.10ii)

- ✓ Zinc
- ✓ Copper
- ✓ Lead
- ✓ Iron
- ✓ Manganese
- ✓ Boron
- ✓ Cobalt
- ✓ Chlorine

No 11i)

- A. Top soil/ layer A/ Horizon A
- B. Sub soil/ Layer B/ Horizon B
- C. Weathered rocks/ Layer C/ Horizon C
- D. Granules/ Layer D/ Horizon D

No.11ii) A

- ✓ It is black in colour
- ✓ It contains soil air
- ✓ It contains plant nutrients
- ✓ It has fine particles/ texture
- ✓ It contains very many living organisms
- ✓ It is covered by a layer of organic matter.

No.12a)

- ✓ They are source of minerals
- ✓ They are source of vitamins
- ✓ They ease digestion
- ✓ They are source of income when sold
- ✓ They are source of local medicine
- ✓ Some are eaten as salad
- ✓ Source of employment

No.12b)

- Onion - leaves
- Carrot - roots
- Tomato - fruit
- Cabbage - leaves
- Egg plant - fruit.

No.13(a)

- ✓ Nursery bed

No.13(b)

- ✓ It protects the seedlings from direct rain drops
- ✓ It protects the seedlings from direct sun light

No. 13c)

- ✓ Hardening off
- ✓ Weeding
- ✓ Pricking one
- ✓ Fertilizer application
- ✓ Spraying using recommended chemicals

No.14

- ✓ Colour
- ✓ Size
- ✓ Smell
- ✓ Sound
- ✓ Shattering e.g. in soya beans

No.15a)

- ✓ Street children can directly get involved in farming
- ✓ They could also get involved in Agriculture business by trading products for money

No.15b)

- ✓ The government can start up on agro-based industry that would deal in Agricultural products
- ✓ It can sensitize them to get involved in extensive farming in a particular agricultural produce with a ready market

No.15c)

- ✓ An agro-based business or carrier employs the youths thus improving on their livelihood
- ✓ It is one way of earning come for sustainability.
- ✓ An agro-based business would solve or eliminate the issue of acute poverty in the community

No.16a)

- ✓ Having prior knowledge about the injuries and how they can be effectively handled
- ✓ Being knowledgeable about the equipment's and how they can be used

No.16b)

- ✓ Stocking all the necessary medication
- ✓ Maintaining and keeping at room temperature
- ✓ Keeping it clean

No.16c)

- ✓ First aid is the first medical care given to an injured victim

END.