

**TOPICAL TEST 008: 45 MINUTES**

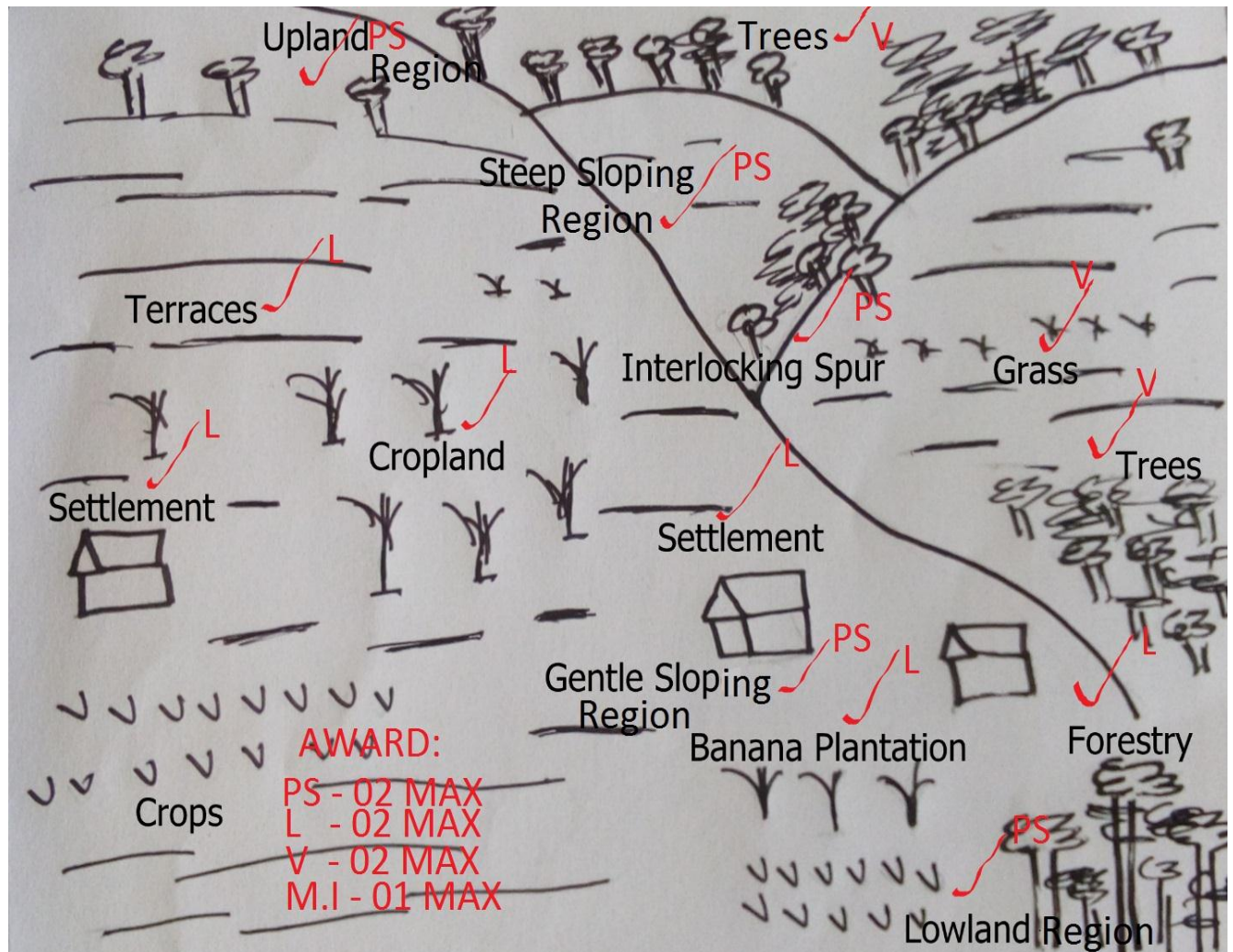
2. Study the photography provided and answers the questions that follow:



- a) Draw a landscape sketch of the area shown on the photograph and on it mark and label :
- Two physiography regions,
  - Land use types,
  - Vegetation types
- (07 Marks)
- b) Describe the relationship between relief and landuse in the area depicted on the photograph
- The gentle slopes in the fore ground of the photography has attracted settlements because it's easy to construct.
  - The lowlands in the right foreground of the photography is used for forestry to control soil erosion.
  - The gentle slopes in the middle ground of the photograph has encouraged crop farming because it's well-drained.
  - The steep slopes in the left background and right background of the photograph has encouraged forestry due to the need to control surface runoff.
  - The steep slopes in the middle ground photograph are used for crop growing through application of terracing.

**ANY 5 X 1 05 MARKS DESCRIBED WITH EVIDENCE**

A landscape sketch of the area shown on the photograph showing physiographic regions, land use types and vegetation types



Physiographic Region (PS) - 02 Max

Land use types (L) - 02 Max (Anything done on land)

Vegetation type (V) - 02 Max (Trees and Grass)

Marginal Information (M.I) – 01 Max (Title/Frame/Key or Labeling)

- c) Explain the problems likely to be faced by the people living in the area shown on the photograph
- Landslides due to steep slopes and running water in the background of the photograph that may lead to death.
  - Soil erosion due to steep slopes and surface run off in the background leading to infertile soils along the steep slopes.
  - Dangerous wild animal such as lions, snakes from forests in the right and left background of the photograph that may attack man.
  - The steep slopes in the background of the photograph have limited the construction of transport and communication routes thus the area remain remote.
  - Pests such as monkeys from the forested areas that destroy farmer's crops thus making losses.
  - The forests in the right foreground and right background of the photograph may be used as a hiding ground for wrong doers e.g robbers.

**ANY 5 X 1 EXPLAINED WITH EVIDENCE 05 MARKS**

- d) Suggest measures that can be taken to solve the problems identified in (c) above
- Afforestation on the steep slopes in the middle ground.
  - Terracing in the middle ground where there are steep slopes.
  - Planting of cover crops such as beans, sweet potatoes to control surface runoff.
  - Construction of water drainage channels to take water to the lower areas.
  - Spraying against pests and diseases.
  - Constructing winding roads around the hills to improve accessibility in the area
  - Strip cropping across the steep slopes in the background of the photograph to control soil erosion.
  - Construction of gabions of wire mesh filled with stones to control landslides.

**ANY 4 X 1 04 MARKS MEASURES TAKEN**

- e) Outline with reasons:
- i. Any two sources of energy shown in the photograph
    - Solar energy from the sun
    - Fuel wood from firewood got from forests.
    - Biomass from plant remains.

**ANY 2 SOURCE X 1 WITH EVIDENCE 02 MARKS**

- ii. The type of photograph depicted above  
Ground oblique/Oblique Aerial photograph  
Because it shows more than 1 dimension/ shows the horizon.

Photo type + Reason tied to earn 01 MARK  
Correct photo + Wrong reason earns no Mark  
Wrong Photo type + correct reason earns no Mark  
Correct Photo type + Correct reason Earns 01 MARK

- f) With reasons, suggest areas where this photograph could have been taken

**Areas:** Kisoro, Masaka, Kyegegwa, Kyenjojo, Mubende Mbarara, Kabale, Kasese,  
Bundibugyo & Other areas **01**

**Reasons:**

- Presence of broad valleys,
- Presence of interlocking spurs,
- Presence of terraces.

**01**

**TOTAL 25 MARKS**

**"Success is when an opportunity meets a prepared mind" - BIG O**

**SHARED FOR THOSE THAT MAY FIND THIS USEFUL**