



UGANDA NATIONAL EXAMINATIONS BOARD
CONTINUOUS ASSESSMENT OBSERVATION CHECKLIST
553 BIOLOGY
Senior 4, Term 1

Centre/CA No:

Year:

Learner's Name:

Learner ID:

Instructions to the facilitator:

1. This observation checklist contains **one** competency, which **must** be assessed by the end of this term.
2. Please **tick** against the indicator(s) the learner has exhibited at every level assessed.
3. Record the **number of indicators observed** in the boxes provided at the end of each level for **Subject Competency (SC)** and **Generic Skill (GS)**.
4. Indicate **N/A** if the learner has not been assessed for a particular level(s).

Theme:

Reproduction in organisms.

Topic:

Asexual Reproduction in Plants.

Learning Outcome(s):

Understand how plants reproduce asexually.

Subject Competency (SC):

Demonstrates an understanding of asexual reproduction in plants.

Generic Skill (GS):

Co-operation and self-directed learning.

Learning Domain:

Psychomotor.

Level 1: Imitation

Subject Competency (SC): Imitating the teacher/peer/video clip/laboratory technician, etc., in carrying out asexual reproduction in plants, the learner grows plants by:

- Layering.
- Grafting.
- Marcotting.
- Stem cuttings.

- Root cutting.
- Leaf-cutting.
- Budding.

Generic Skill (GS): Imitating the teacher/peer/video clip/laboratory technician, etc., exhibit co-operation and self-directed learning while carrying out asexual reproduction in plants, the learner:

- Works effectively in diverse teams.
- Interacts effectively with others.
- Takes responsibility for own learning.
- Works independently with persistence.
- Manages goals and time.

Level 1 Indicators	
SC	GS

Level 2: Manipulation

Subject Competency (SC): Following instructions from the teacher/peer/video clip/laboratory technician, etc., in carrying out asexual reproduction in plants, the learner grows plants by:

- Layering.
- Grafting.
- Marcotting.
- Stem cuttings.
- Root cutting.
- Leaf-cutting.
- Budding.

Generic Skill (GS): Following instructions from the teacher/peer/video clip/laboratory technician, etc., to exhibit co-operation and self-directed learning while carrying out asexual reproduction in plants, the learner:

- Works effectively in diverse teams.
- Interacts effectively with others.
- Takes responsibility for own learning.
- Works independently with persistence.
- Manages goals and time.

Level 2 Indicators	
SC	GS

Level 3: Precision

Subject Competency (SC): Demonstrating an understanding of asexual reproduction in plants, independently but with minimal errors, the learner grows plants by:

- Layering.
- Grafting.
- Marcotting.
- Stem cuttings.
- Root cutting.
- Leaf-cutting.
- Budding.

Generic Skill (GS): Exhibiting co-operation and self-directed learning independently while carrying out asexual reproduction in plants, the learner:

- Works effectively in diverse teams.
- Interacts effectively with others.
- Takes responsibility for own learning.
- Works independently with persistence.
- Manages goals and time.

Level 3 Indicators	
SC	GS

Level 4: Articulation

Subject Competency (SC): Demonstrating an understanding of asexual reproduction in plants innovatively and correctly, the learner grows plants by:

- Layering.
- Grafting.
- Marcotting.
- Stem cuttings.
- Root cutting.
- Leaf-cutting.
- Budding.

Generic Skill (GS): Exhibiting co-operation and self-directed learning correctly and innovatively while carrying out asexual reproduction in plants, the learner:

- Works effectively in diverse teams.

- Interacts effectively with others.
- Takes responsibility for own learning.
- Works independently with persistence.
- Manages goals and time.

Level 4 Indicators	
SC	GS

Level 5: Naturalisation

Subject Competency (SC): Demonstrating an understanding of asexual reproduction in plants with ease, the learner grows plants, by:

- Layering.
- Grafting.
- Marcotting.
- Stem cuttings.
- Root cutting.
- Leaf-cutting.
- Budding.

Generic Skill (GS): Exhibiting co-operation and self-directed learning with ease while carrying out asexual reproduction in plants, the learner:

- Works effectively in diverse teams.
- Interacts effectively with others.
- Takes responsibility for own learning.
- Works independently with persistence.
- Manages goals and time.

Level 5 Indicators	
SC	GS