



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