

UGANDA MARTYRS UNIVERSITY

FACULTY OF EDUCATION

END OF SEMESTER II EXAMINATION

2022/2023

SEMESTER II

BIOLOGY TEACHING METHODS

DATE: Friday 26/05/23

TIME: 9.30am – 12.30 pm

DURATION: 3 hours

Instructions:

1. *Carefully read through ALL the questions before attempting*
2. *Answer all questions in section A and 2 questions in B*
3. *No names should be written anywhere on the examination booklet.*
4. *Ensure that your Registration number is indicated on all pages of the examination answer booklet.*
5. *Ensure your work is clear and readable. Untidy work shall be penalized*
6. *Any type of examination Malpractice will lead to automatic disqualification*

SECTION A (Attempt ALL Questions)

- 1) Give a brief over-view about;
 - a. The different teaching methods a teacher may use for effective learning of Biology
10 marks
 - b. From the above in (a), what would be the best method, and why?
5 marks
- 2) Write brief notes about the following attributes which are part of effective teaching and learning;
 - a. Creativity
 - b. Reasoning
 - c. Confidence
 - d. Authority5 marks each
- 3) Give a brief comparison and contrast between teacher-centred and student-centred approach to learning
6 marks
- 4) a. Communication in school is mutual interchange of information among teachers and students. Discuss the different communication roles each of the two groups do for effective teaching and learning of Biology as a subject.
8 marks
b. Write short notes about the following
 - i) Comprehension
 - ii) Intelligence
 - iii) Logic3 marks each
- 5) Write short notes about the following
 - a. Lesson plan
4 marks
 - b. Record of work
4 marks

SECTION B (Attempt 2 Questions)

6) a. Discuss the following teaching tools

- i) Scheme of work
- ii) Syllabus
- iii) Curriculum

5 marks each

b. Using the necessary examples, discuss the different methods you would use as a teacher to motivate a Biology class.

5 marks

7) Discuss the different attributes of a good Biology teacher

20 marks

8) a. Discuss the different methods you would use to enhance performance of girls in Biology

10 marks

b. Discuss the different ways you would use to integrate ICT in the teaching and learning of Biology

10 marks

9) a. Using the necessary illustrations, discuss a given innovation as a teaching aid, you may come up with as a Biology teacher to enhance the teaching and learning of Biology

10 marks

b. Using the necessary illustrations, discuss the different assessment models one may use for effective teaching and learning of Biology

10 marks

END