KWAZULU-NATAL PROVINCE

EDUCATION
REPUBLIC OF SOUTH AFRICA

NATIONAL SENIOR CERTIFICATE

GRADE 11

LIFE SCIENCES

MARKING GUIDELINES

COMMON ASSESSMENT TASK

MARCH 2025 TEST

Stanmorephysics.com

MARKS: 50

This marking guideline consists of 6 pages.

Copyright Reserved

PRINCIPLES RELATED TO MARKING LIFE SCIENCES MARCH 2025

1. **If more information than marks allocated is given**
   Stop marking when maximum marks are reached and put a wavy line and 'max' in the right-hand margin.

2. **If, for example, three reasons are required and five are given**
   Mark the first three irrespective of whether all or some are correct/incorrect.

3. **If whole process is given when only part of it is required**
   Read all and credit relevant part.

4. **If comparisons are asked for and descriptions are given**
   Accept if differences / similarities are clear.

5. **If tabulation is required but paragraphs are given**
   Candidates will lose marks for not tabulating.

6. **If diagrams are given with annotations when descriptions are required**
   Candidates will lose marks



7. **If flow charts are given instead of descriptions**
   Candidates will lose marks.

8. **If sequence is muddled and links do not make sense**
   Where sequence and links are correct, credit. Where sequence and links is incorrect, do not credit. If sequence and links becomes correct again, resume credit.

9. **Non-recognised abbreviations**
   Accept if first defined in answer. If not defined, do not credit the unrecognized abbreviation but credit the rest of answer if correct.

10. **Wrong numbering**
    If answer fits into the correct sequence of questions but the wrong number is given, it is acceptable.

11. **If language used changes the intended meaning**
    Do not accept.

12. **Spelling errors**
    If recognizable accept provided it does not mean something else in Life Sciences or if it is out of context.

Copyright Reserved

13. **If common names given in terminology**
Accept provided it was accepted at the National memo discussion meeting.

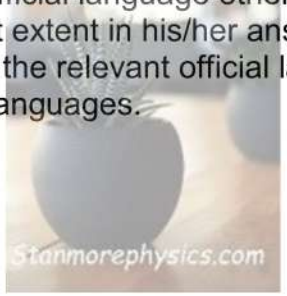
14. **If only letter is asked for and only name is given (and vice versa)**
No credit

15. **If units are not given in measurements**
Candidates will lose marks. Memorandum will allocate marks for units separately

16. Be sensitive to the **sense of an answer, which may be stated in a different way**.

17. **Caption**
All illustrations (diagrams, graphs, tables, etc.) must have a caption

18. **Code-switching of official languages (terms and concepts)**
A single word or two that appears in any official language other than the learners' assessment language used to the greatest extent in his/her answers should be credited, if it is correct. A marker that is proficient in the relevant official language should be consulted. This is applicable to all official languages.



Copyright Reserved

SECTION A

QUESTION 1

1.1	1.1.1	A✓✓		
	1.1.2	C✓✓		
	1.1.3	D✓✓	(3 x 2)	**(6)**
1.2	1.2.1	Parasitism✓		
	1.2.2	Sessile/sedentary✓		
	1.2.3	Bilateral✓	(3 x 1)	**(3)**
1.3	1.3.1	Both A and B✓✓		
	1.3.2	None✓✓	(2 x 2)	**(4)**
1.4	1.4.1	C - Anther✓		(1)
		E - Ovary✓		(1)
	1.4.2	(Self) pollination✓		(1)
	1.4.3	F ✓ Ovule ✓		(2)
	1.4.4	Stamen✓		(1)
	1.4.5	Insect✓		(1)
				(7)

TOTAL SECTION A: [20]

Stanmorephysics.com

SECTION B

QUESTION 2

2.1 2.1.1 Virus✓ (1)

2.1.2 - fever✓
- sore throat✓
- headache✓ Any (1)

(Mark first ONE only)

2.1.3 - Flu B is a viral infection/caused by virus✓
- antibiotics are only effective against the living organisms✓
- they are acellular ✓/do not have membranes✓ that can be destroyed by antibiotics✓ Any (2)

(Mark first TWO only)

2.1.4 - Vaccination✓
- Use of disinfectants✓/Sanitise regularly/wearing of face masks Any (1)
- Isolation✓/avoid contact with infected people

(Mark first ONE only)

2.1.5 $\left.\frac{10}{100}\right\}$ ✓ x 650 000✓

= 65 000✓ (3)

(8)

2.2 2.2.1 Phylogenetic tree✓/cladogram (1)

2.2.2 (a) angiosperms✓ (1)

(b) gymnosperms✓ (1)

(c) (500 – 400) ✓ mya = 100 ✓ mya (2)

2.2.3 - Do not require water for fertilisation✓
- Produce seeds which have long lifespan✓/seed can remain dormant for long period of time
- Gametophytes are enclosed and protected by sporophytes/cones✓ Any (2)

(Mark first TWO only)

(7)

[15]

Copyright Reserved

QUESTION 3

3.1 3.1.1 Chordata ✓ (1)

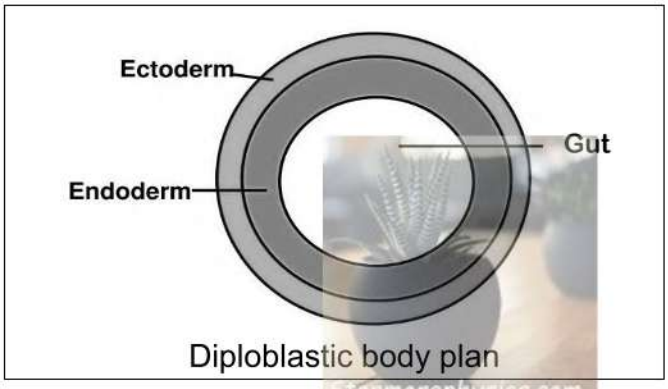
3.1.2
- sense organs are at the anterior end ✓ / head region
- allowing for more well-organized forward movement ✓
- provides quicker responses✓ Any (2)

(Mark first TWO only)

3.1.3
- food moves in one direction only✓/ no mixing of undigested and digested food
- allows digestion to take place continuously✓
- permits specialisation of the gut✓ Any (2)

(Mark first TWO only)

3.1.4



Diploblastic body plan

Stanmorephysics.com

Criteria for marking the diagram

Criteria	Mark allocation
Correct diagram (**D**)	1
Labels (**L**)	(Any) 2

(3)
(8)

3.2 3.2.1 Bread mould growth✓ (1)

3.2.2
- Size of bread pieces ✓
- Type of bread (white) ✓
- Environmental condition ✓
- Duration of the investigation ✓ Any (1)

(Mark the first ONE only)

3.2.3
- To ensure that there is no bread mould before the investigation ✓
- and the growth of the bread mould is due to moisture✓ (2)

3.2.4 (a) Five pieces of bread in each group. ✓ (1)

(b) To ensure that growth of bread mould in Group A was due to moisture only. ✓✓ (2)

(7)

[15]

TOTAL SECTION B: 30

GRAND TOTAL: 50

Copyright Reserved