

Grade 9 Natural Science

Exam: Term 4

Name _____

Date _____

Class _____

Page _____



Start End

Instructions for learners

- 1 You must answer all **100** questions and **1000** points.
Total time is **120** minutes.
- 2 You must answer all **100** questions and **1000** points.
- 3 Number the grid boxes correctly according to the marking system used on the question paper.
- 4 In the case of calculations, show full steps.
- 5 Handwritten in **bold** capital letters, where applicable.
- 6 Handwritten in **bold** capital letters, where applicable.
- 7 Handwritten in **bold** capital letters, where applicable.
- 8 Handwritten in **bold** capital letters, where applicable.



Section	Question	Score
1	1. Identify List 3 functions of the skin .	10
2	2. Identify List 3 functions of the liver .	10
3	3. Identify List 3 functions of the kidneys .	10
4	4. Identify List 3 functions of the pancreas .	10
5	5. Identify List 3 functions of the lungs .	10
6	6. Identify List 3 functions of the heart .	10
7	7. Identify List 3 functions of the stomach .	10
8	8. Identify List 3 functions of the intestines .	10
9	9. Identify List 3 functions of the kidneys .	10
10	10. Identify List 3 functions of the liver .	10
11	11. Identify List 3 functions of the pancreas .	10
12	12. Identify List 3 functions of the stomach .	10
13	13. Identify List 3 functions of the intestines .	10
14	14. Identify List 3 functions of the heart .	10
15	15. Identify List 3 functions of the lungs .	10
16	16. Identify List 3 functions of the skin .	10
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18	18. Identify List 3 functions of the intestines .	10
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web the reactions within cells which result in the synthesis of atp using energy stored in glucose are referred to as cellular respiration aerobic respiration requires oxygen as the final electron acceptor fermentation does not require oxygen the equation for aerobic respiration is below

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web the equation for cellular respiration is below $c_6h_{12}o_6 + 6 o_2 \rightarrow 6 h_2o + 6 co_2 + atp$ in this lab we will observe yeast cells performing cellular respiration yeast are facultative anaerobes this means that if oxygen is present they will use cellular respiration

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