

NAMUNGOONA SALAF SECONDARY SCHOOL

TERM II ASSESSMENT

SENIOR ONE

Name

Stream

BIOLOGY PAPER 1

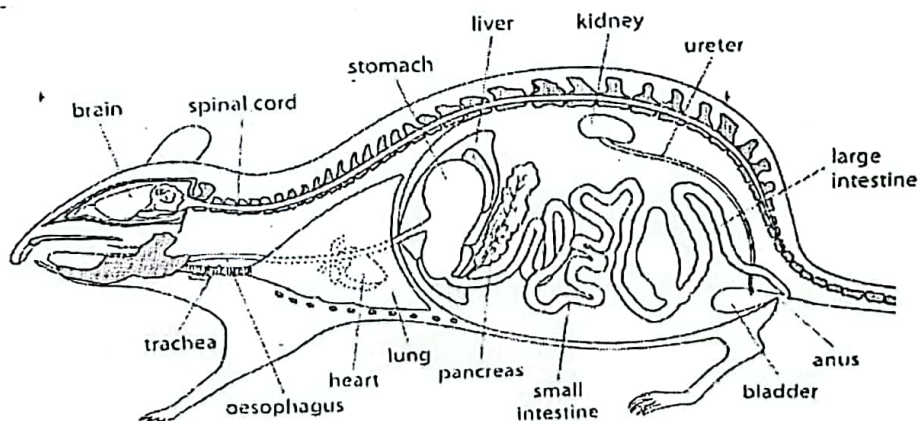
1 hour and 30 minutes

Instructions

Answers must be written in the space provided.

- Use a black or dark blue pen. You may use an HB pencil for any diagrams
- Crossed work may lead to loss of marks

1. The diagram below shows a cross section through a rat. Some of the rat's organs have been labeled.



a) What term describes the all different **organs** found in the rat (01mark)

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 .....

b) Name the organ labeled in the diagram that is part of the circulatory system (01mark)

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c) Name three other systems shown in the diagram apart from the circulatory system (03marks)

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 .....  
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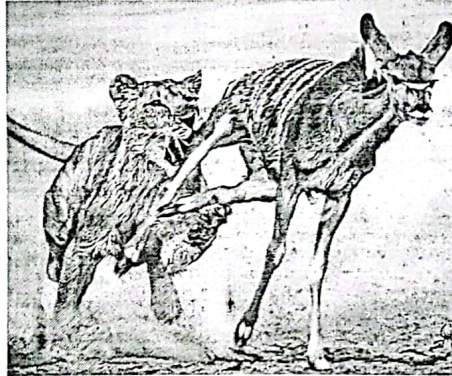
d) The table below shows lists of several life process that take place in the organs of the rat. Complete the table by naming the correct organ for each life process. [05marks]

Process	Organ
Filtration of blood	
Ventilation	
Insulin secretion	
Hydrochloric acid secretion	
Bile production	

2. a) Living organisms share some basic characteristics. Draw a straight line from each characteristic to its correct description. The first one has been done for you. (04marks)

Characteristic	Description
sensitivity	production of new organisms
respiration	respond to the surroundings
excretion	taking in of food
reproduction	increase in number of cells
growth	release of energy in cells
nutrition	removal of metabolic waste

b) Study the picture below and answer the questions that follow



i) identify the life processes being demonstrated in the picture. (02marks)

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.....

ii) What is the importance of the life processes mentioned above for the of both animals? Relate your answer to the picture. (04marks)

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3. A student wrote the scientific name of a housefly as **musca Domestica** while naming the housefly during a biology lesson

a) Identify the mistakes made by the student while writing the name.

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b) Write the correct scientific name

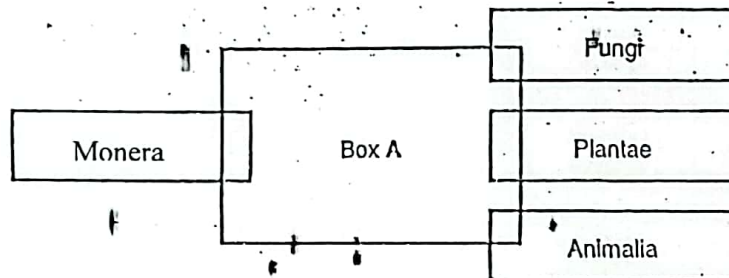
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c) Explain why its advised to write scientific names while naming organisms rather than local names. (02marks)

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4. The diagram below shows one way of representing the classification of living organisms into five kingdoms

**Box A** has been drawn overlapping the other boxes since its member share characteristics with the other kingdom



- a) Which kingdom is represented by box labelled A  
.....
- b) Give **one** characteristic that the member of the kingdom represented by box A may share with
- i) Animalia  
.....
- ii) Plantae  
.....
- iii) Monera  
.....
- (give an example where necessary)
- c) Give **two** reasons why the fungi are place in a separate kingdom from the plantae.  
.....  
.....
- d) Give two examples of organism in kingdom labeled Box A  
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