

BLESSED VICTORS SENIOR SCHOOL
END OF TERM 3 COMPETENCE BASED ASSESSMENT
EXAMINATIONS

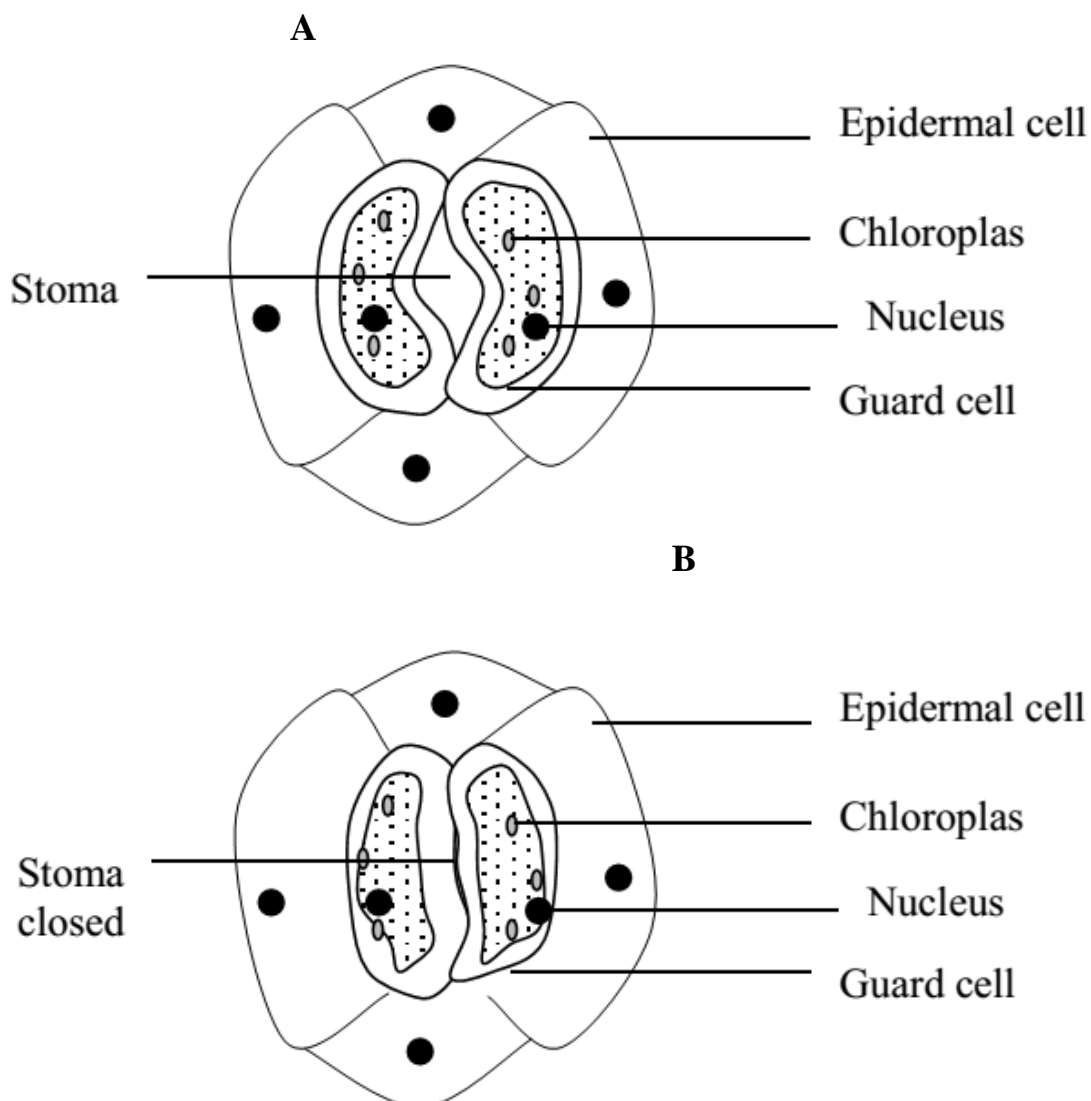
Student's Name:

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BIOLOGY(Theory) Paper 1
NOVEMBER 2023

Class	Sign
S. 3	

1. THE diagrams bellow shows two stomatas Aand B,



A)with a reason state which stomata is

a)Open

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b)Closed

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c).THE diagrams above were obtained by senior 3 students ,explain the process that happens in side the plant leaf that caused

diagram A

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diagramB

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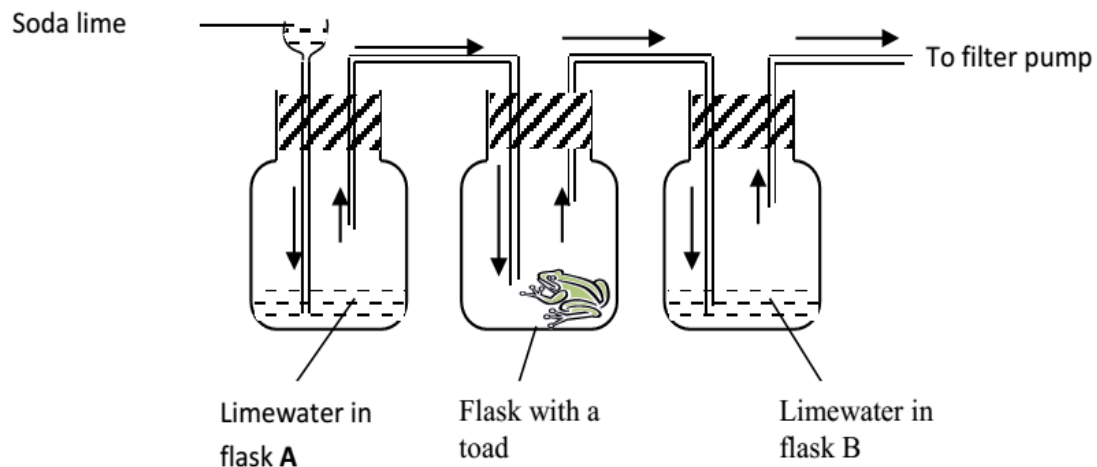
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2.THE EXPERIMENT BELOW SHOWS THAT LIVING ORGANISMS LIBERATE CO₂ DURING AEROBIC RESPIRATION



I) How did this student come up with such(procedure)

II) Why was

a)Toad used

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b)Soda lime used

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c)Filter pump used

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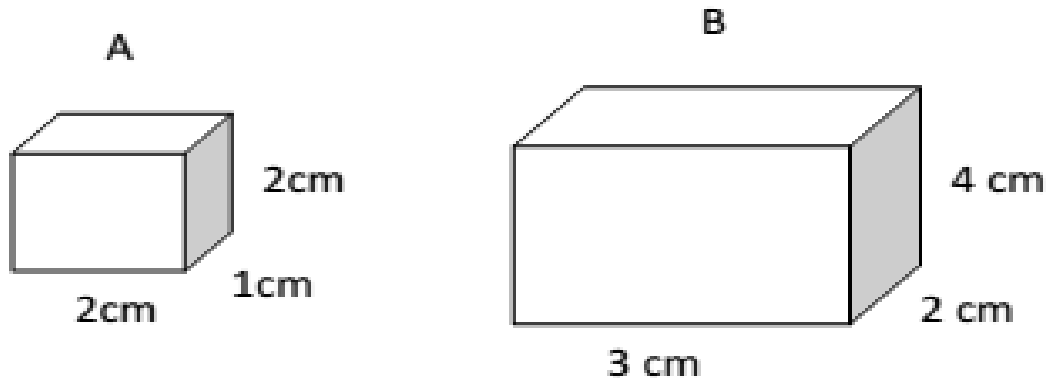
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d)Lime water used

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3Asuming box A and B is a rats and cow respectively



Calculate the **Surface area to volume ratio of the two animals**

a)**Rat**

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b)COW

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c)with a reasons state,Which animal will lose too much heat

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d)How can the animal stated above conserve its heat

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e)with reasons state,Which animal needs a transport system

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4 You happened to see a plant whose shoot has grown through a neighbour's window ,

a) with a reason explain , Why the shoot was growing through the window , (do not forget to identify the tropism type)

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b) Describe an experiment you can use in classroom situation to explain the above process (diagrams required)

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[illegible]