

Name..... Stream:.....



ACTIVITY OF INTEGRATION

SUBJECT: BIOLOGY

CLASS: SENIOR ONE

TOPIC: CELLS

April, 2023

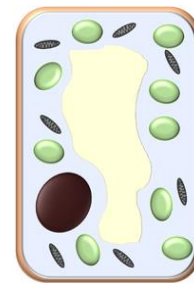
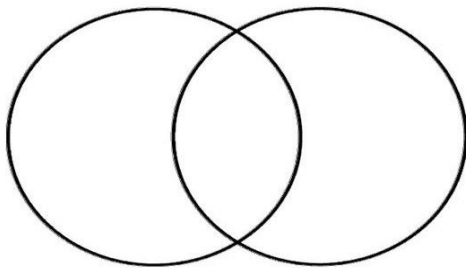
Answer the task in 1 hour

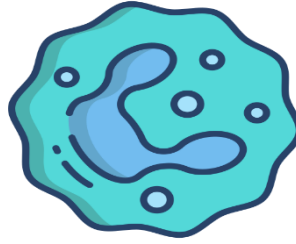
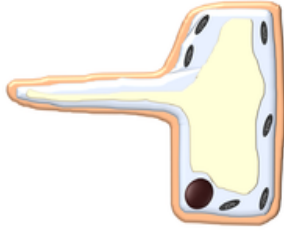
Indicate your name and stream clearly on this paper

Scenario

During a certain holiday, Husinah and her mother went to the garden to do some farm work. When they were digging, Husinah's mother cut herself on the toe using the hoe she was digging with; blood started oozing from the toe. Husinah quickly squeezed some leaves she got from a black jack plant nearby to make a liquid which she applied to cover her mother's wound. Mr. Matovu, the math teacher at a local primary school, passing along saw what Husinah was doing. He asked why she was putting the liquid on her mother's wound. Husinah replied that she was covering the exposed tissues and cells which are in the wound. Mr. Matovu was excited when he had about the word cell. He said it is not a new word to him having studied about cells in 1996 when he was in senior one but said he didn't exactly recall all about them. Husinah went ahead and told him that the bodies of animals and plants contain cells which are specialised. Mr. Matovu remained wondering how he had forgotten about all this interesting part of Biology.

SURPPORT MATERIALS/DIAGRAMS



**Task**

(a) As a student of senior one that has completed studying the topic of cells, explain to Mr. Matovu, using the knowledge of mathematics the similarities and differences between the cells found in the black jack leaves and those found in the blood of Husinah's mother.

(b) Write a brief explanation you would use to remind Mr. Matovu about specialised cells; use two examples from the black jack plant and two from the blood of Husinah's mother.

END

Science is, because we are ...