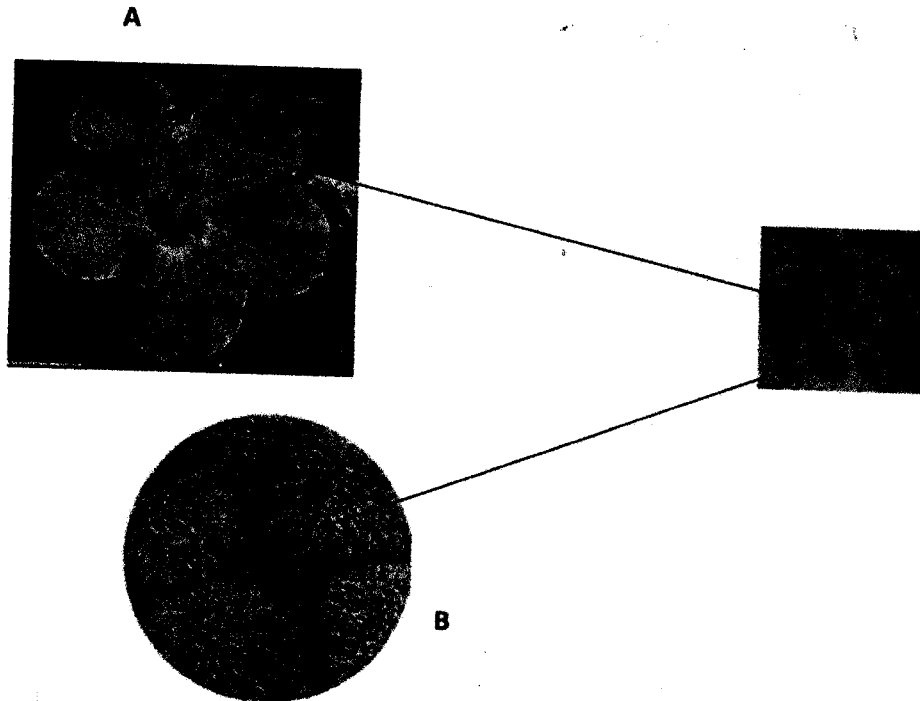


Form 3 Practical
End of Term 2 2016

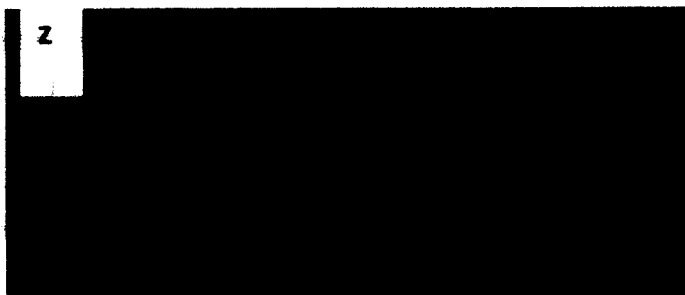
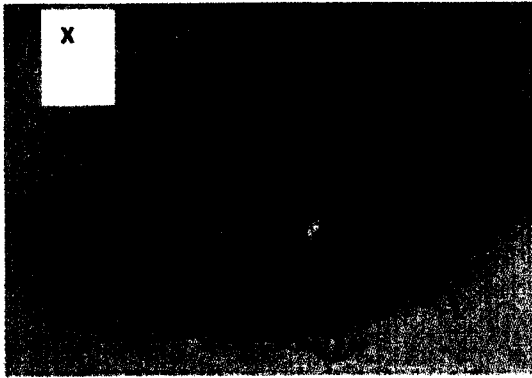
GATUNDU FORM 4 EVALUATION EXAM
BIOLOGY
PRACTICAL
231/3
JULY/AUG 2015

1.



- a) Name the sub-division of the plant from which the photo was taken.
(1 mark)
- b) Using observable features on the photograph give reasons for your answer in (a) above.
(2 marks)
- c) Name the agent of pollination for the flower in the photograph
(1 mark)
- d) State three observations on the photograph that supports your answer in (c) above.
(3 marks)
- e) Name the class of the plant from which the photo was taken.
(1 mark)
- f) Using observable features on the photograph, give three reasons for your answer in (e) above.
(3 marks)
- g) Give two adaptations of the part labeled B to its pollination function.
(2 marks)

2.



- (i) To which phylum does organisms x,y and z belong to.
(1 mark)
- (ii) Name the classes to which X, Y and Z belongs to.
(3 marks)
- (iii) Give two important economic roles of specimen Y.
(2 marks)
- (iv) Give three harmful effects of specimen X to animals.
(3 marks)
- (v) With reasons identify two modes of locomotion of specimen Y .
(4 marks)

3. (i) What part of plant is specimen K?
(1mark)
- (ii) Give a reason for your answer in 3 (i) above.
(1mark)
- (iii) Make a cross section of specimen K. Draw and label the parts.
(3marks)
- (iv) State the type of placentation in specimen K.
(1mark)
- (v) Name the agent of dispersal of specimen K and give a reason for your answer.
(2marks)
- (vi) Squeeze the juice from specimen K. Using the reagents provided, carry out food tests.
(6marks)

FOOD/TEST	PROCEDURE	OBSERVATIONS	CONCLUSION
			?