

- (d) Specimen **B** is a modified plant organ. Using observable feature, identify at least two(2) modifications on the specimen and the importance of each. (03 marks)

SPECIMEN	MODIFICATION	IMPORTANCE
B		

- (e) In the space provided, make a well labeled drawing of specimen **B** and indicate your magnification. (06 marks)

3. You are provided with animal specimen **X** and **Y**. Examine them carefully and use them to answer the questions that follow:

- (a) Identify the phylum to which the organisms belong stating two (2) reasons to support your answer.

- (i) Identity of the phylum.

(01 mark)

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(02 marks)

(ii) Reasons.

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- (b) Using observable features, state the class to which the organisms belong, stating three (3) reasons to support your answer.

(01 mark)

Class

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Reasons

(03 marks)

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- (c) Using observable features, state any four (4) differences between specimen X and specimen Y.

(04 marks)

SPECIMEN X	SPECIMEN Y

- (d) Using observable features, describe how specimen X is adapted for its mode of life as a vector.

(03 marks)

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- (e) In the space provided, make a well labeled drawing of the last five segments of the hind leg of specimen Y and indicate your magnification. (06 marks)

END