

SECTION A

[50 marks]

Answer **all** the questions in this section.

I. Study specimens **A** and **C** and use them to answer questions I(a) to I(d).

(a) State the:

(i) Division of plants from which specimens **A** and **C** were obtained.

A: _____

C: _____

[2 marks]

(ii) Class of plants from which specimens **A** and **C** were obtained.

A: _____

C: _____

[2 marks]

(b) (i) State **five** observable differences between specimens **A** and **C**.

A	C

[5 marks]

(ii) State **three** observable similarities between specimens **A** and **C**.

[3 marks]

(c) State two adaptations of specimen A to its habitat.

[4 marks]

(d) Make a drawing, 8 cm to 10 cm long of specimen C and label fully.

[9 marks]

2. Study specimens D, E, G and H and use them to answer questions 2(a) to 2(d).

(a) (i) State **one** function **each** of specimens D and E to the plants that possess them.

D: _____

E: _____

[2 marks]

(ii) Give **two** reasons **each** for the answers in 2(a)(i).

D: _____

E: _____

Do not write in this margin.

(b) (i) Complete the table below.

Floral parts of specimen E	Number of the part	One function of the part
Sepal		
Petal		
Stamen		
Stigma		

[8 marks]

(ii) Name the symmetry of specimen E.

[1 mark]

(c) (i) Give the placentation of each of specimens G and H.

G: _____

H: _____

[2 marks]

(ii) State four observable differences between specimens G and H.

G	H

[4 marks]

(d) State four similarities between specimens G and H.

[4marks]

SECTION B

[30 marks]

Answer all the questions in this section.

3. Study specimens **K**, **L** and **M** and answer questions 3(a) to 3(c).

(a) (i) Name the Class of **each** of specimens **K**, **L** and **M**.

K: _____

L: _____

M: _____

[3 marks]

(ii) State **four** features that adapt specimen **K** to its habitat.

[8 marks]

(b) (i) State **five** observable differences between specimens **K** and **M**.

K	M

[5 marks]