

2. You are provided with specimens R, S and T which are similar plant organs.

(01 mark)

(a) (i) Which plant organs are they?

Age (years)	Percentage (%)
15	10
20	15
25	20
30	25
35	30
40	35
45	40
50	45
55	50
60	55
65	60

(ii) Give two reasons for your answer

(02 marks)

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(b) (i) Hold specimen **R** and drop it on your cloth. Record your observations. (01 mark)

(01 mark)

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(ii) What is the significance of your observations in (i) above?

(02 marks)

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4. Cut a cross section of specimen **T** and open specimen **B**. Describe the differences in

(c) Cut a cross section of specimen **T** and open specimen **R**. Describe the differences in pericarps of specimens **T** and **R** (03 marks)

(03 marks)

Specimen T	Specimen R

(d) How are specimens **T** and **S** dispersed?

(06 marks)

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(e) Draw and label the transverse section of endocarp and structures inside it of specimen **T**

(05 marks)

Turn over