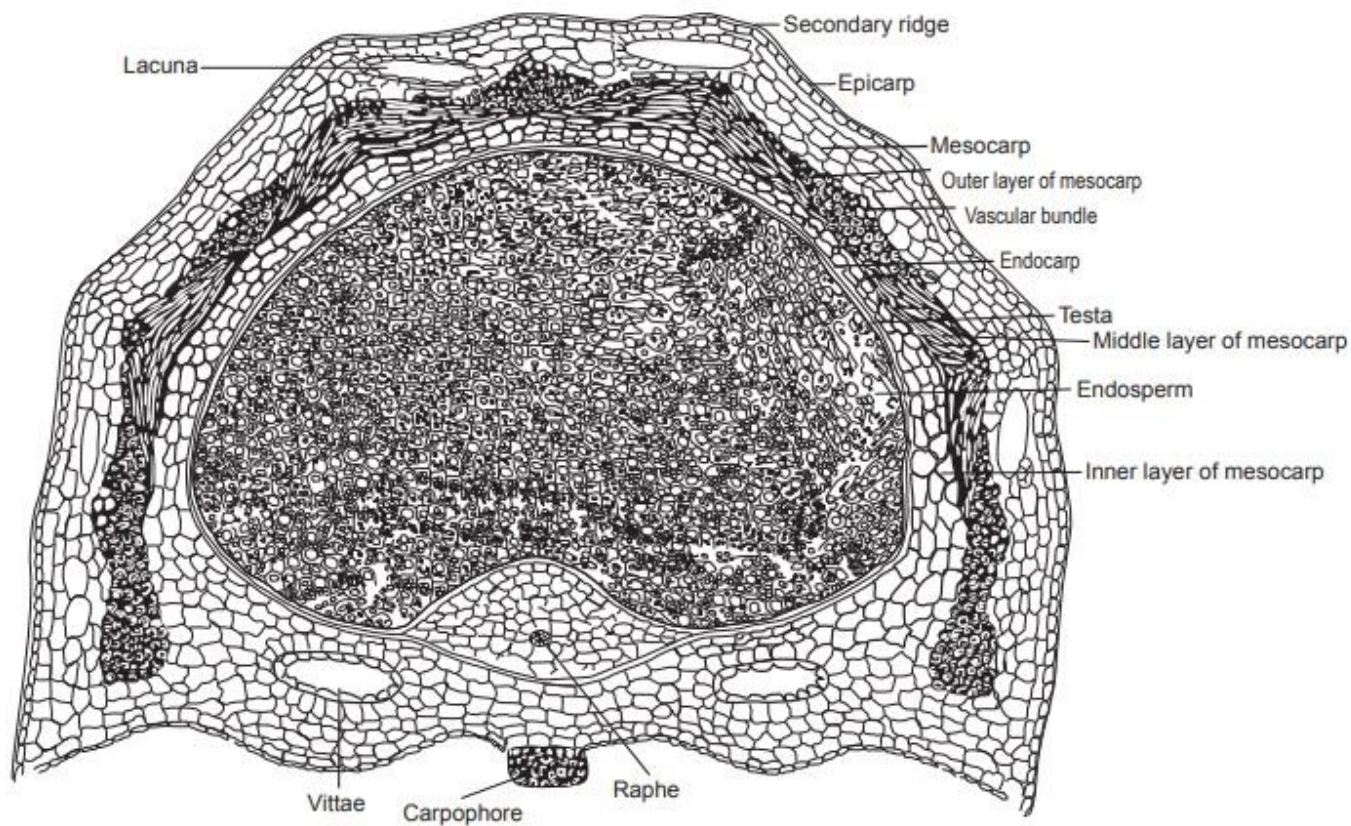


TRANSVERSE SECTION OF CORIANDER FRUIT

Practical -20

Date: .../.../.....

GROSS ANATOMICAL STUDIES (TRANSVERSE SECTION) OF CORIANDER FRUIT

Aim: To identify the Transverse Section of Coriander fruit.

Reference:.....
.....

Requirements:.....

Synonym: Dhania, Coriander fruit

Biological source: Dried ripe fruits of **Coriandrum sativum Linn.**

Family: Umbelliferae

It contains not less than 0.3% of volatile oil.

Gross anatomical studies:

S. No.	Description	Observation
1.	Epicarp	
2.	Testa	
3.	Lacuna	
4.	Vascular bundle	
5.	Phloem	
6.	Xylem	
7.	Mesocarp	
8.	Raphe	
9.	Vittae	
10.	Carpophore	

Report: The given crude drug was identified aswith various histological characters (T.S.).

Questions Bank

1. What are the anatomical studies of Coriander fruit?
2. Write the biological source of Coriander fruit.
3. What are the uses of Coriander fruit?
4. What is the lacuna found in Coriander fruit?
5. What is the role of testa in Coriander fruit?
6. What is the raphe found in Coriander fruit?
7. What is carpophore?
8. What is the vittae?
9. What is the mesocarp?
10. Draw the microscopical structure of Coriander fruit.