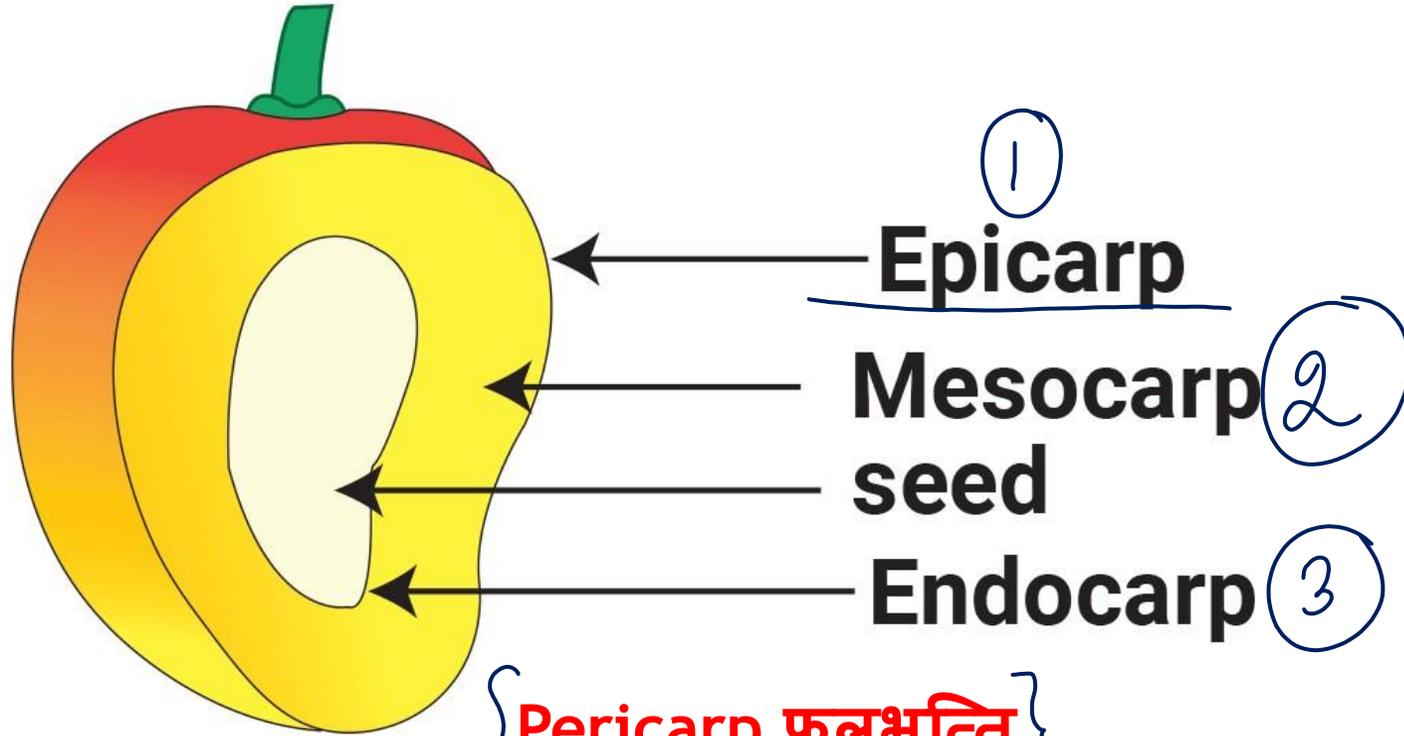


रत्न योग्य

FRUITS- EDIBLE PARTS

DR AAKRITI



{ Pericarp फलभत्ति }

1. Epicarp/ exocarp बाह्य फलभत्ति
2. Mesocarp मध्यफलभित्ति
3. Endocarp अन्तःफलभित्ति

TYPES OF FRUIT

1. Simple fruits:

- ▶ One flower converted to one fruit
- ▶ Eg: Maize, Mango, dry fruits, wheat

सरल फल:

- ▶ एक फूल एक फल में बदल गया
- ▶ जैसे: मक्का, आम, सूखे मेवे, गेहूं

flower → fruit
Ovary

Simple fruits are of two types सरल फल:

- ▶ Dry fruit: pericarp not differentiated into epicarp, mesocarp and endocarp(seed inside this)
- ▶ फलभत्ति बाह्य फलभत्ति, मध्यफलभित्ति, अन्तःफलभित्ति में विभेदित नहीं
- ▶ Succulent fruit: pericarp differentiated into epicarp, mesocarp and endocarp
- ▶ फलभत्ति बाह्य फलभत्ति, मध्यफलभित्ति, अन्तःफलभित्ति में विभेदित

2. Aggregate fruit: one flower into converts into fruit found in bunches

▶ पुंजफल : एक फूल गुच्छों में पाए जाने वाले फल में परिवर्तित हो जाता है

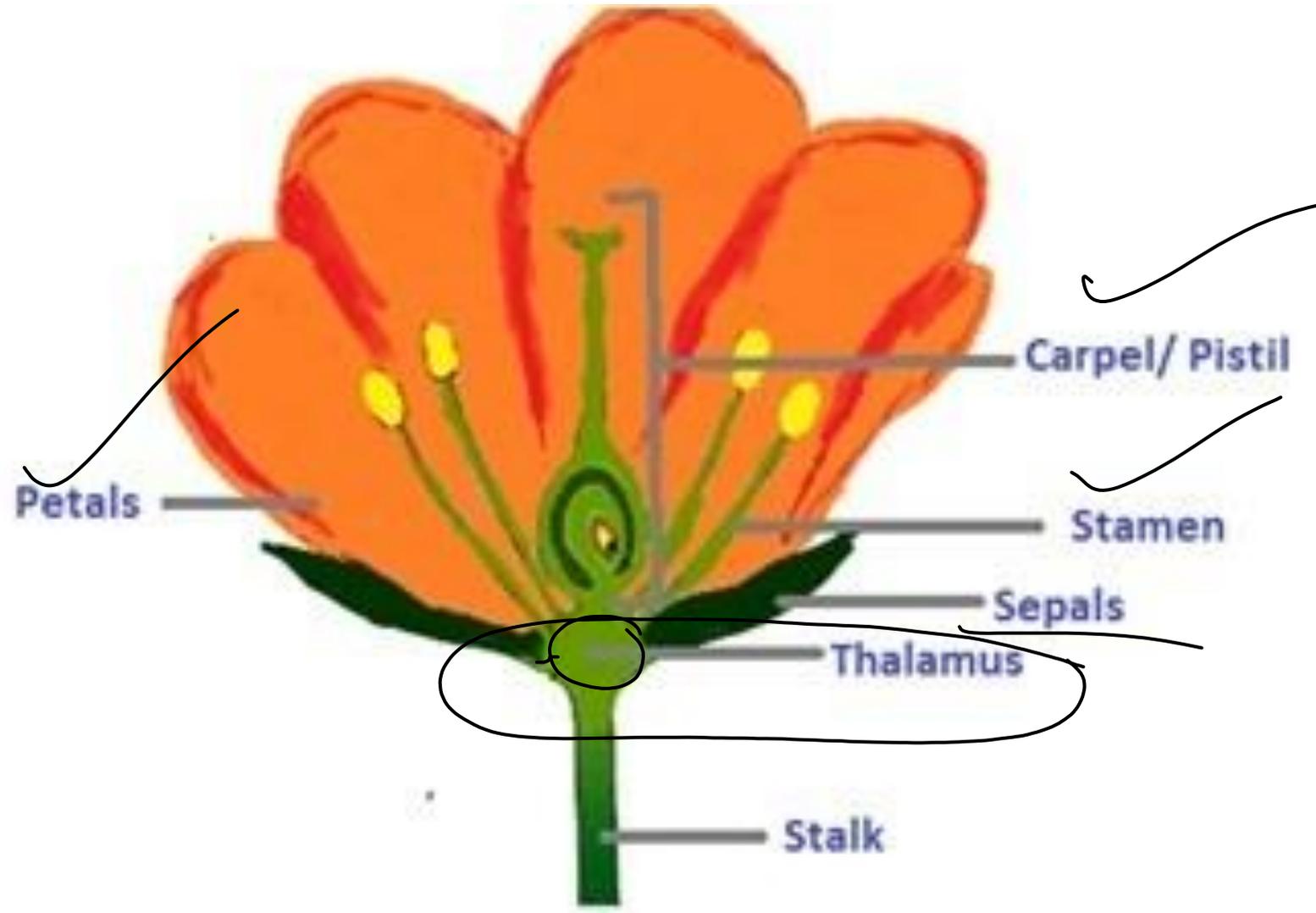
▶ Eg: straw berry, black berry (jamun) स्ट्रॉबेरी, जामुन

3. Composite fruit: many flowers converted into one fruit

Eg : jackfruit, pineapple, anjeer

संग्रथित फल: कई फूल एक फल में परिवर्तित हो जाते हैं

जैसे: कटहल, अनानास, अंजीर



LITCHI- EDIBLE PART IS ARIL

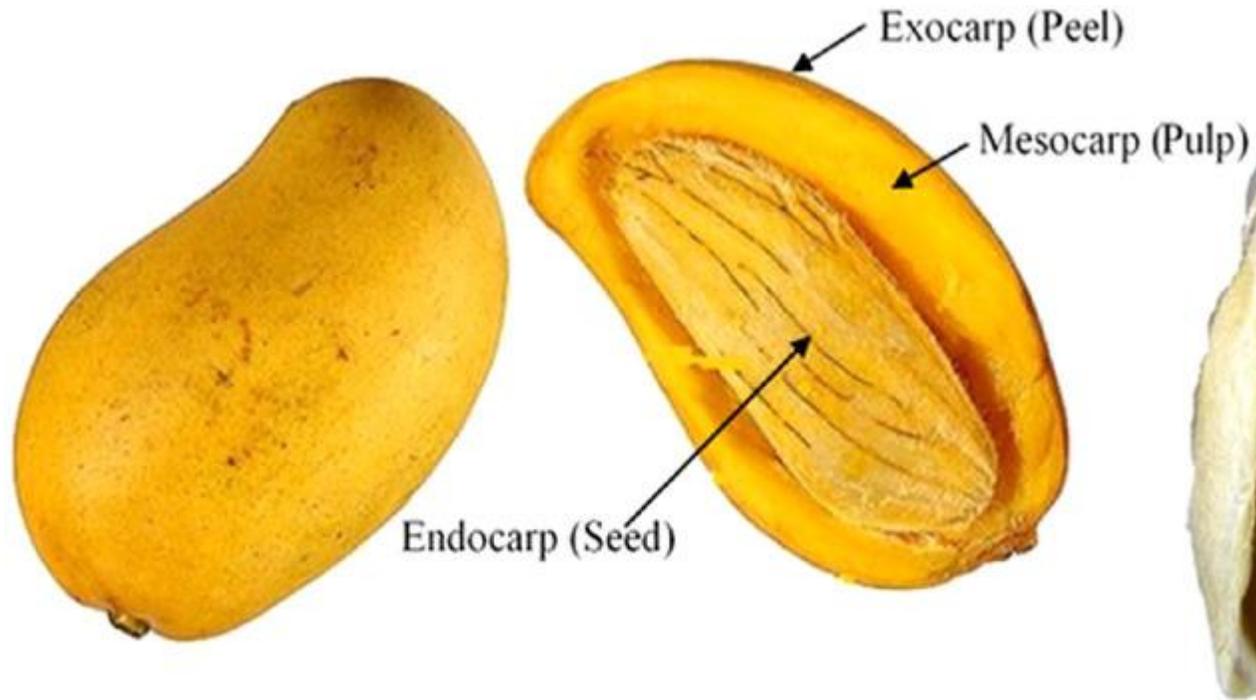
लीची- खाने योग्य-

सरिल



MANGO- EDIBLE PART- MESOCARP

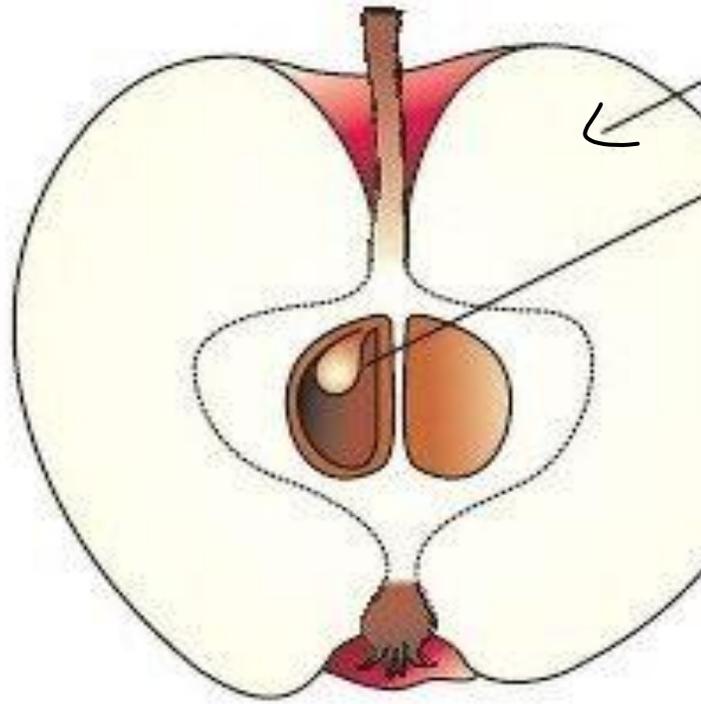
आम- मध्यफलभित्ति



Mango Fruit

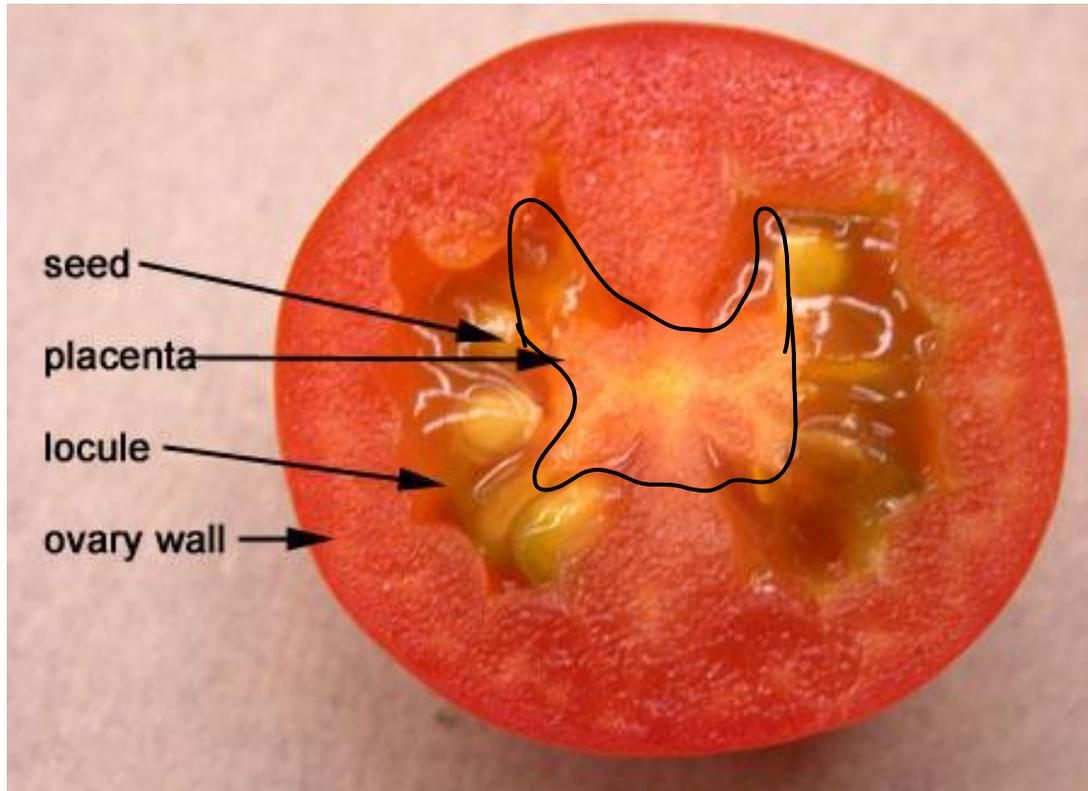
Longitudinal Section of the
Fruit

APPLE - EDIBLE PART- THALAMUS



← Thalamus

TOMATO- PLACENTA, PERICARP



पुष्पकला

▶ Lady's finger ①

▶ भिंडी

▶ Cashew nut ②

▶ काजू

▶ Ground nut ③

▶ मूँगफली

▶ Almond ④

▶ बादाम

▶ Pea

▶ मटर ⑤

Entire fruit

पूरी फल

Cotyledons and fleshy thalamus

बीजपत्र और थैलेमस

Seeds

बीज

Seeds

बीज

Seeds

बीज

- ▶ Coconut 6
- ▶ नारियल 6
- ▶ Pear 7
- ▶ नाशपाती 7
- ▶ Banana 8
- ▶ केला 8
- ▶ Guava 9
- ▶ अमरुद 9

Endosperm

एंडोस्पर्म

Fleshy thalamus

थैलेमस

Mesocarp and endocarp

मध्यफलभित्ति, अन्तःफलभित्ति

Pericarp, placenta and thalamus

फलभित्ति, थैलेमस

10

- ▶ Cucumber Mesocarp and endocarp
- ▶ खीरा मध्यफलभित्ति, अन्तःफलभित्ति
- ▶ Watermelon Mesocarp and endocarp
- ▶ तरबूज मध्यफलभित्ति, अन्तःफलभित्ति

11