



Most Trusted Learning Platform



आवृत्त - favours

Environment / पर्यावरण पक्ष



सभी स्थितियाँ और प्रभावों का योग

Sum of Condition and influences
all



Biotic
जैविक

पुष्प, पशु, मनुष्य
कीड़े

Plant, animal, human, insect

घटक
Component

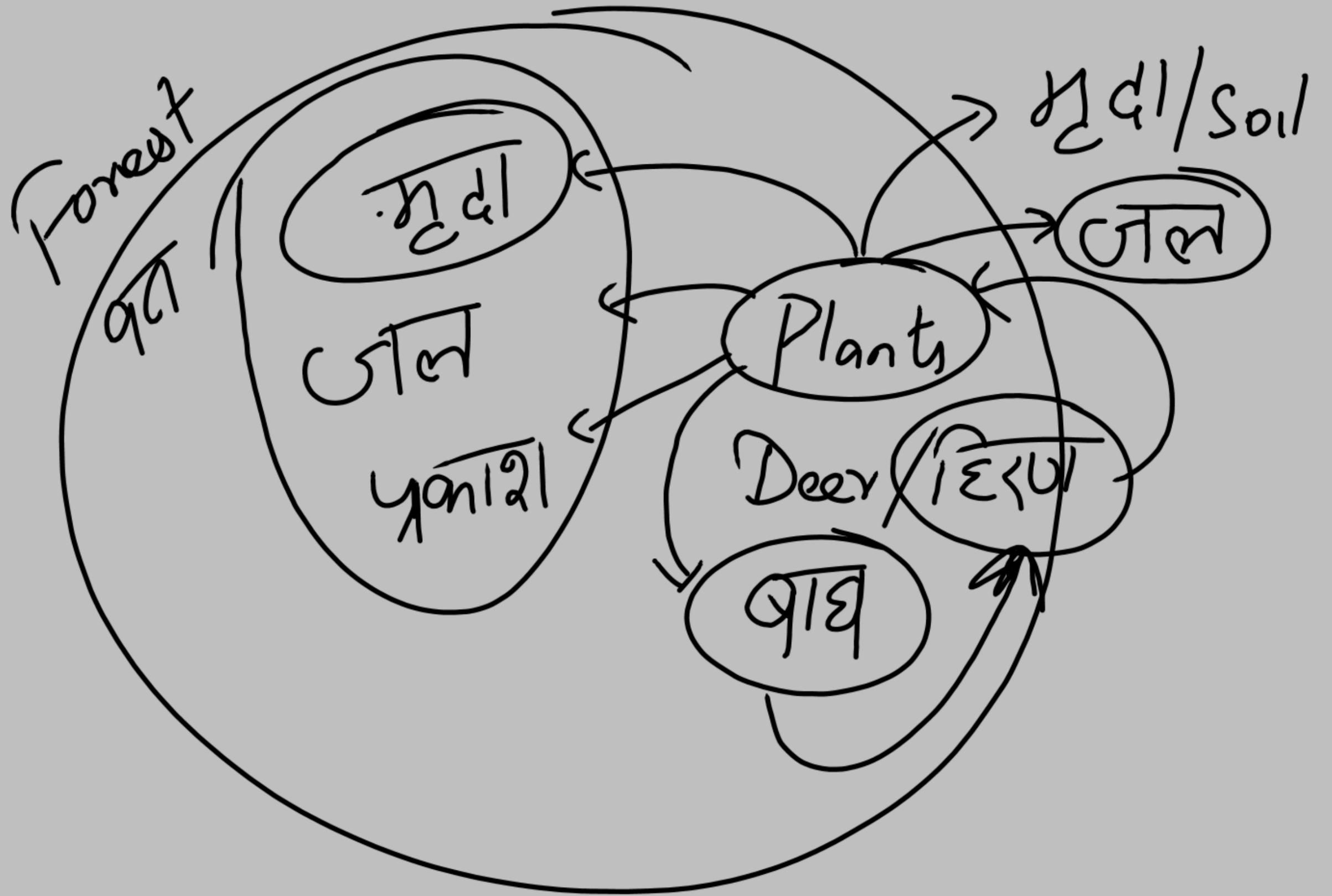
Environment / पर्यावरण

→ जैविक / Living
biotic

→ अजैविक / Non
living
abiotic

Abiotic / 3 जैविक

- Climate / जलवायु
- प्रकाश / Light
- वर्षा / Rain fall
- तापमान / Temperature
-४९
- जल / वायु / मृदा
Water / Air / Soil



→ Solid portion of earth on which we live

Lithosphere / पथरी

→ ठोस भाग जिसमें हम सभी रहते हैं।

Atmosphere / वायुमंडल

⇒ ठोस का समुद्र / परतें layers of gases

Hydrosphere / जलमंडल

↳ Consist of all state of water
Ice, water, water vapour



500m depth to
20 km above surface

5-6km

500m गहराई
से 20km की
ऊंचाई तक

Biosphere

जीवमंडल

Portion of earth
where life

exists

पृथ्वी का वह भाग

जहाँ जीवन पाया जाता
है

ଜୀବମଣ୍ଡଳ

Biosphere

Hydrosphere

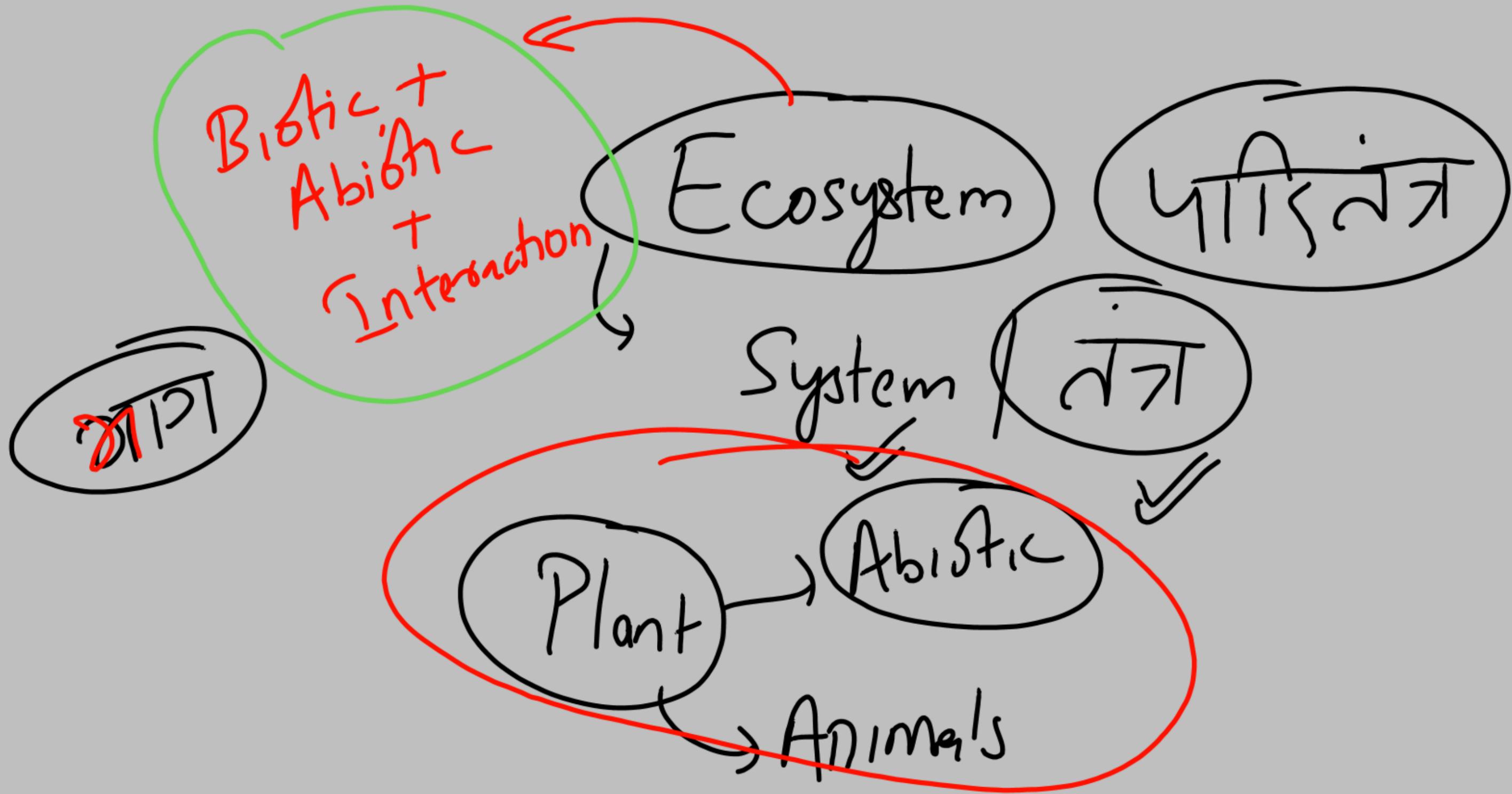
ଜଳମଣ୍ଡଳ

ବାୟୁମଣ୍ଡଳ

Atmosphere

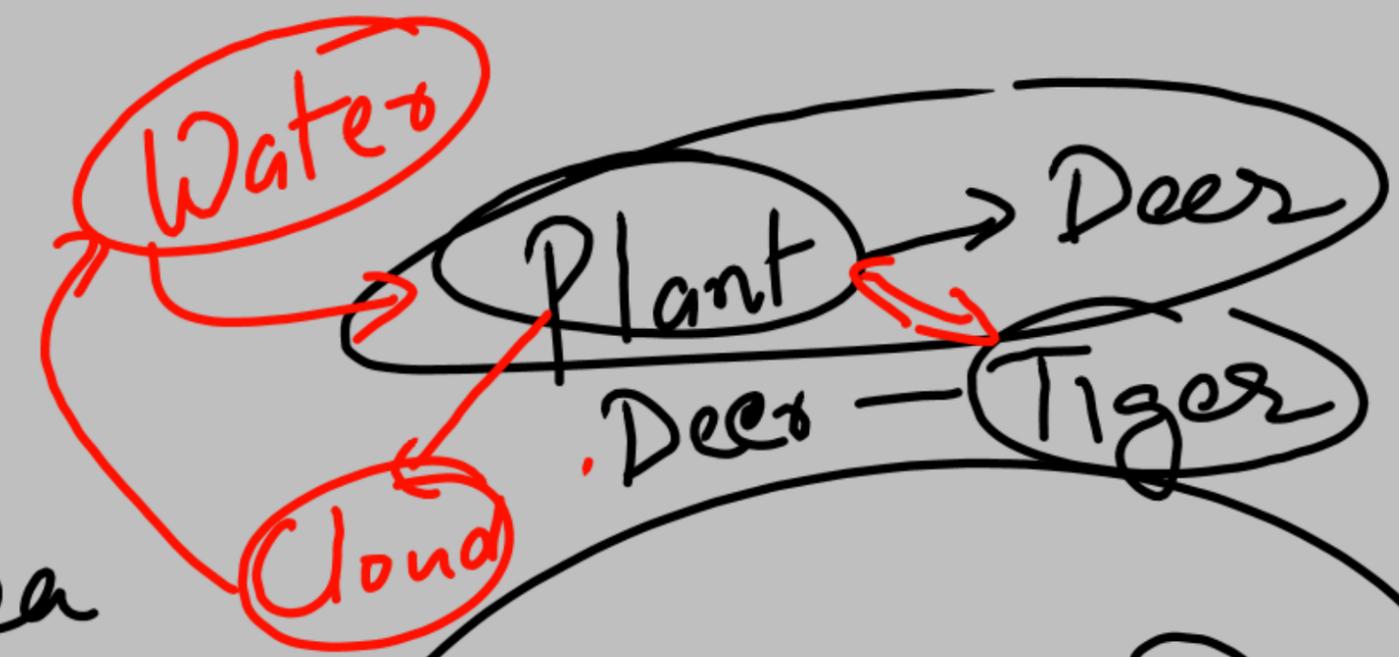
Lithosphere

ପଥରମଣ୍ଡଳ



Living and non-living organisms

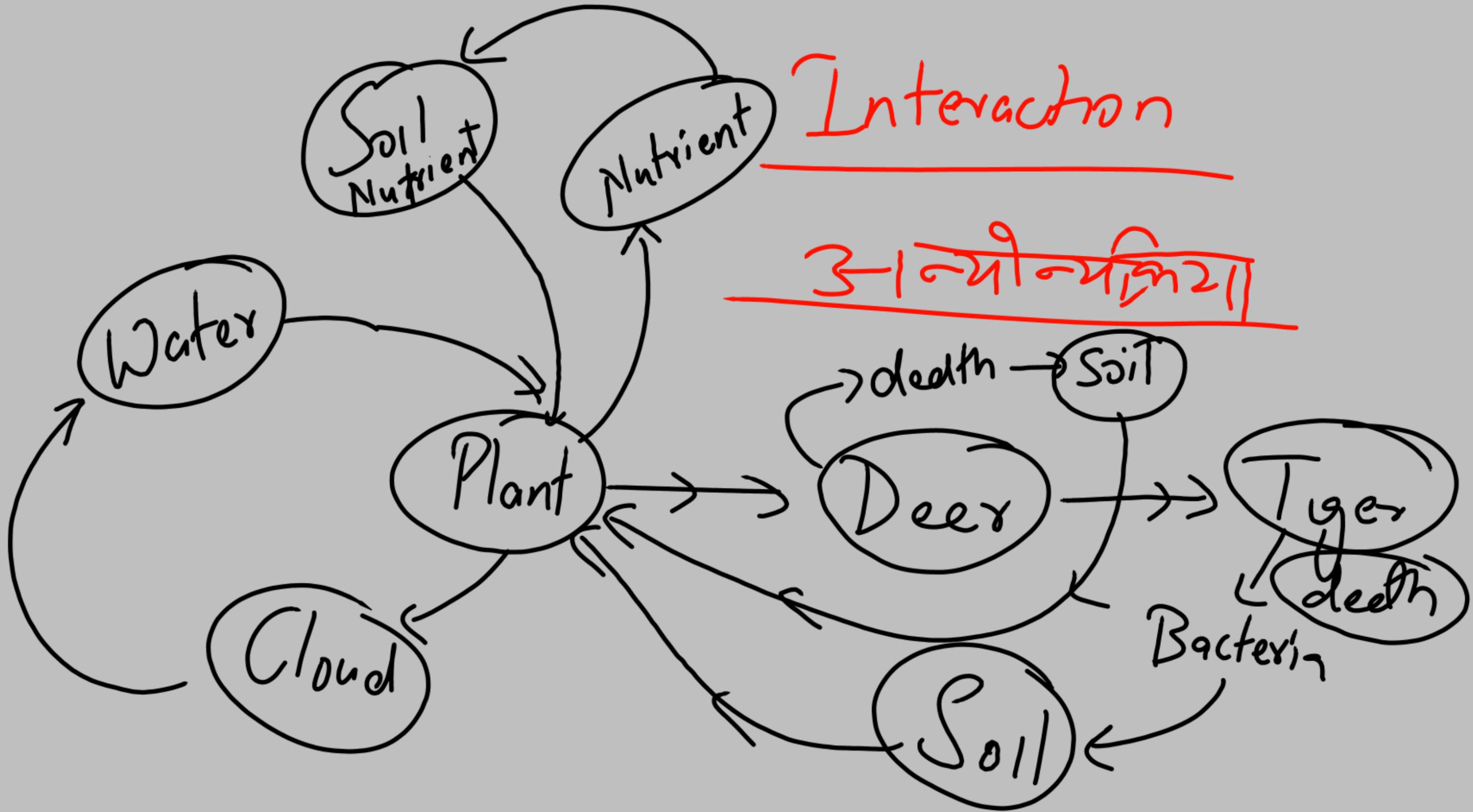
Living together in an area and the interaction between them is called Ecosystem



अन्तःप्रक्रिया

Interaction

प्रक्रिया



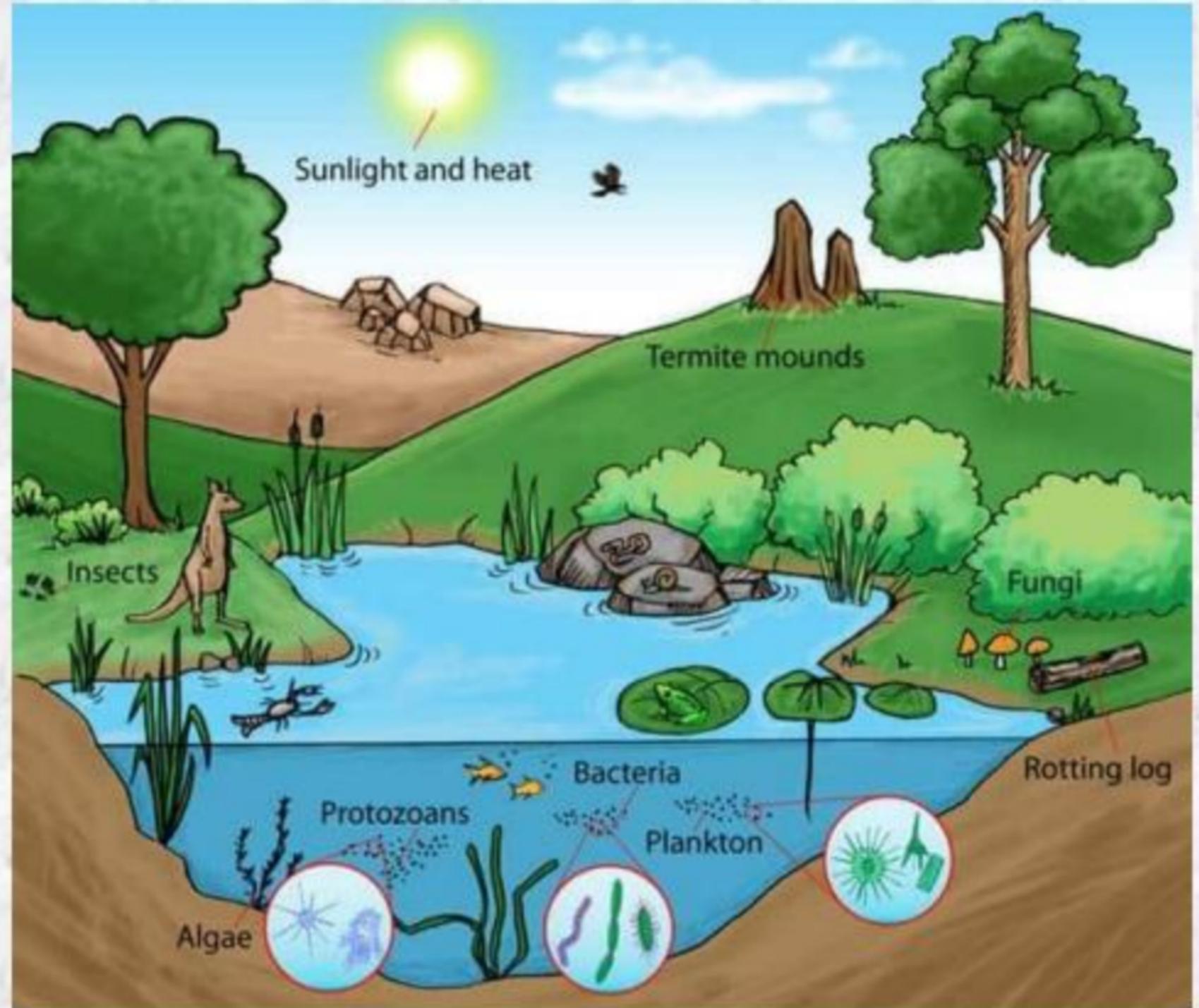
Interaction

अनिच्छित्वा

Environment



Ecosystem
परि वृत्त



Food Chain

खाद शृंखला

पौधा खाद्य

Trophic level

I
Plant

II
Deer

III
Tiger

पौधा

घास

बाघ

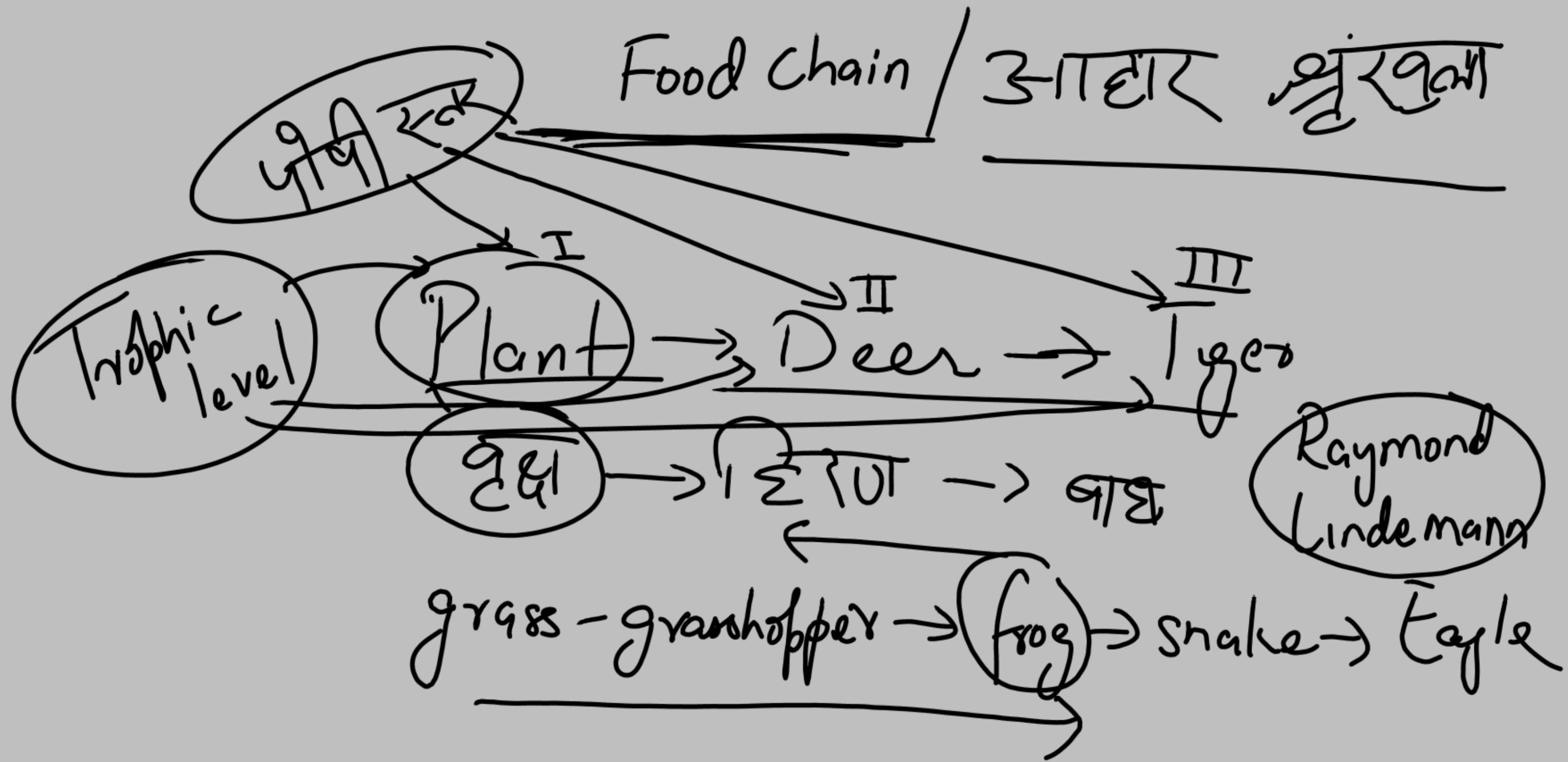
Raymond
Lindemana

grass - grasshopper

frog

snake

Eagle



पौष्टी शृङ्खला

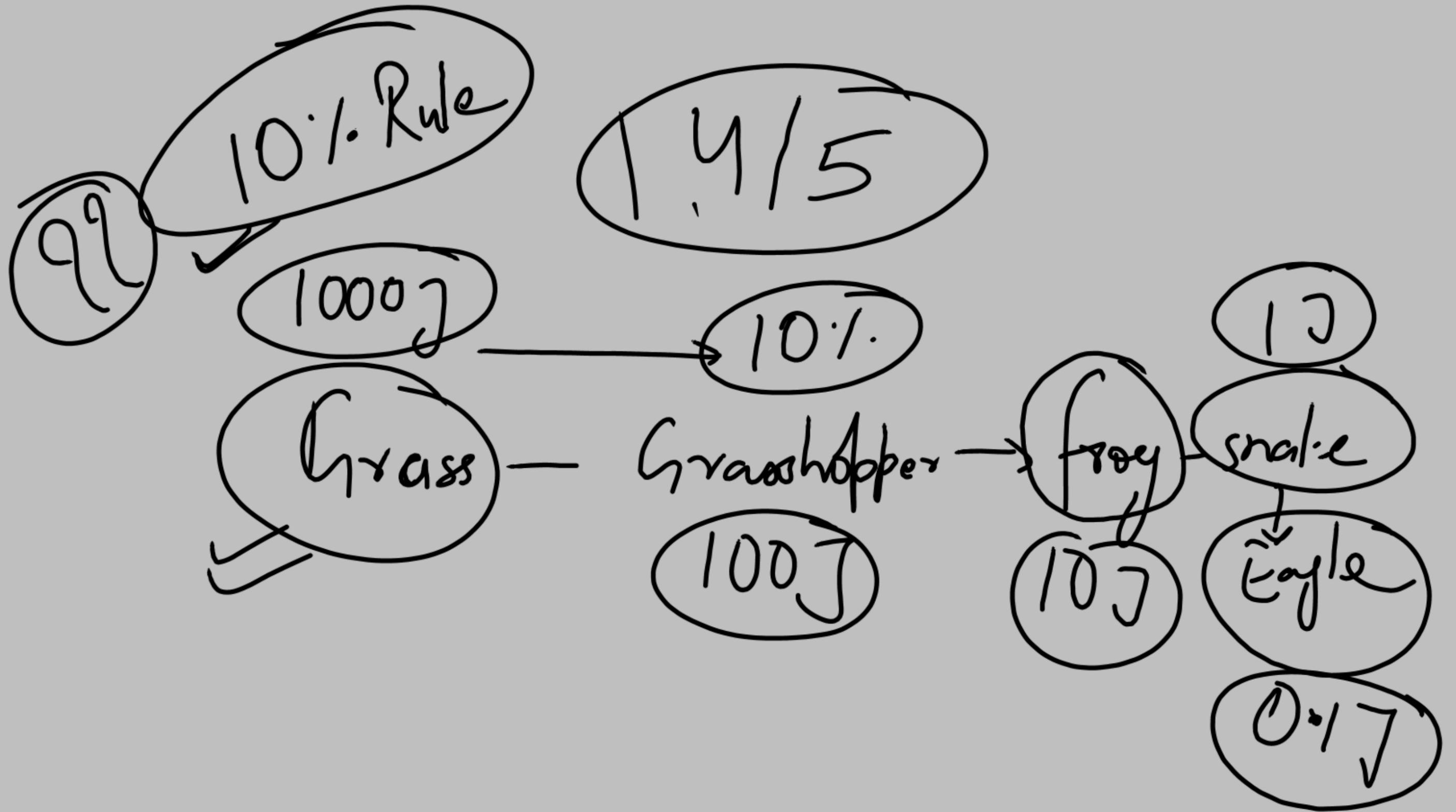
Food Chain

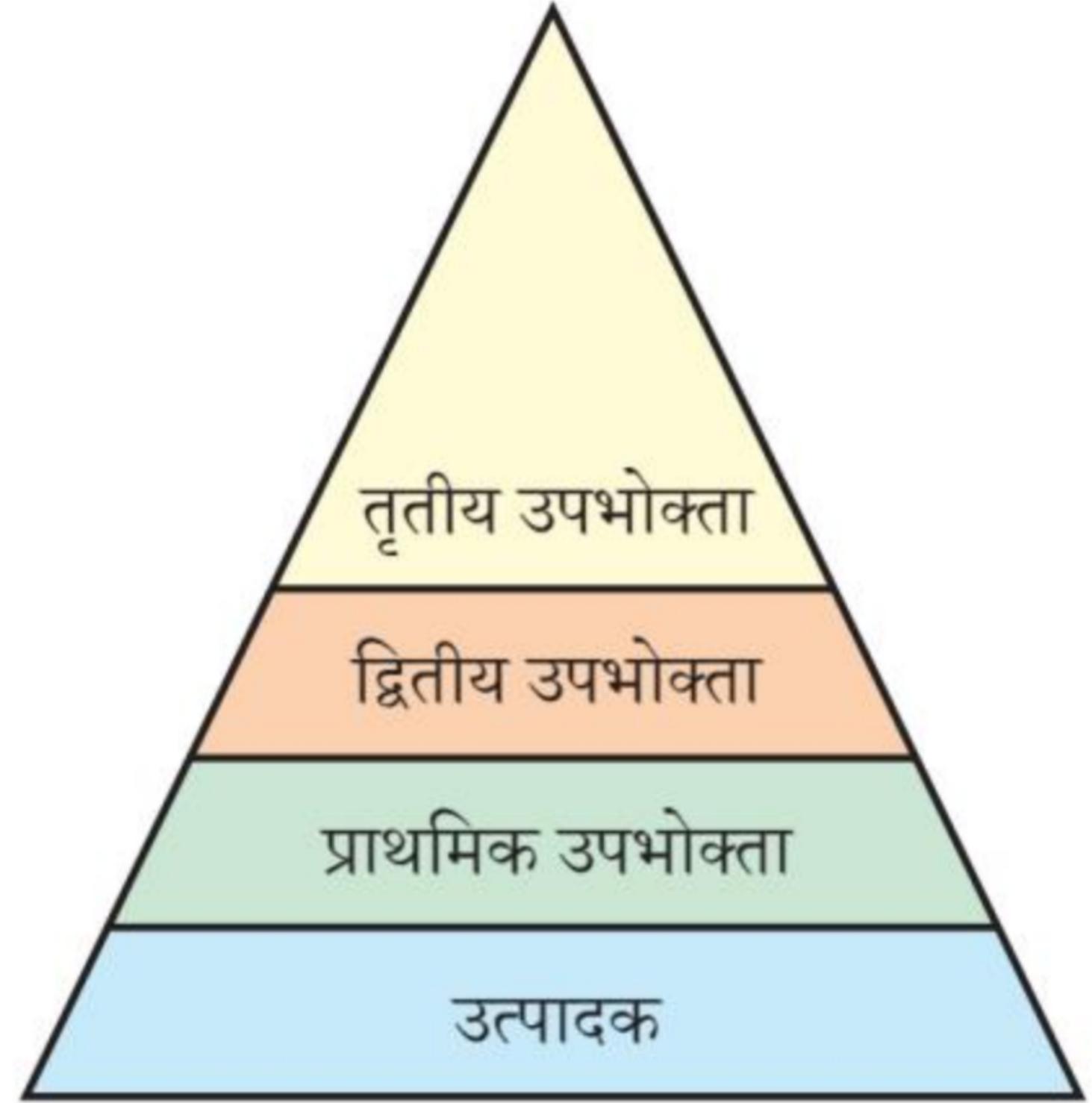
It is a chain which represents that different organisms are connected to each other via food.

→ In a food chain, there can't be more than 5 or 6 trophic level.

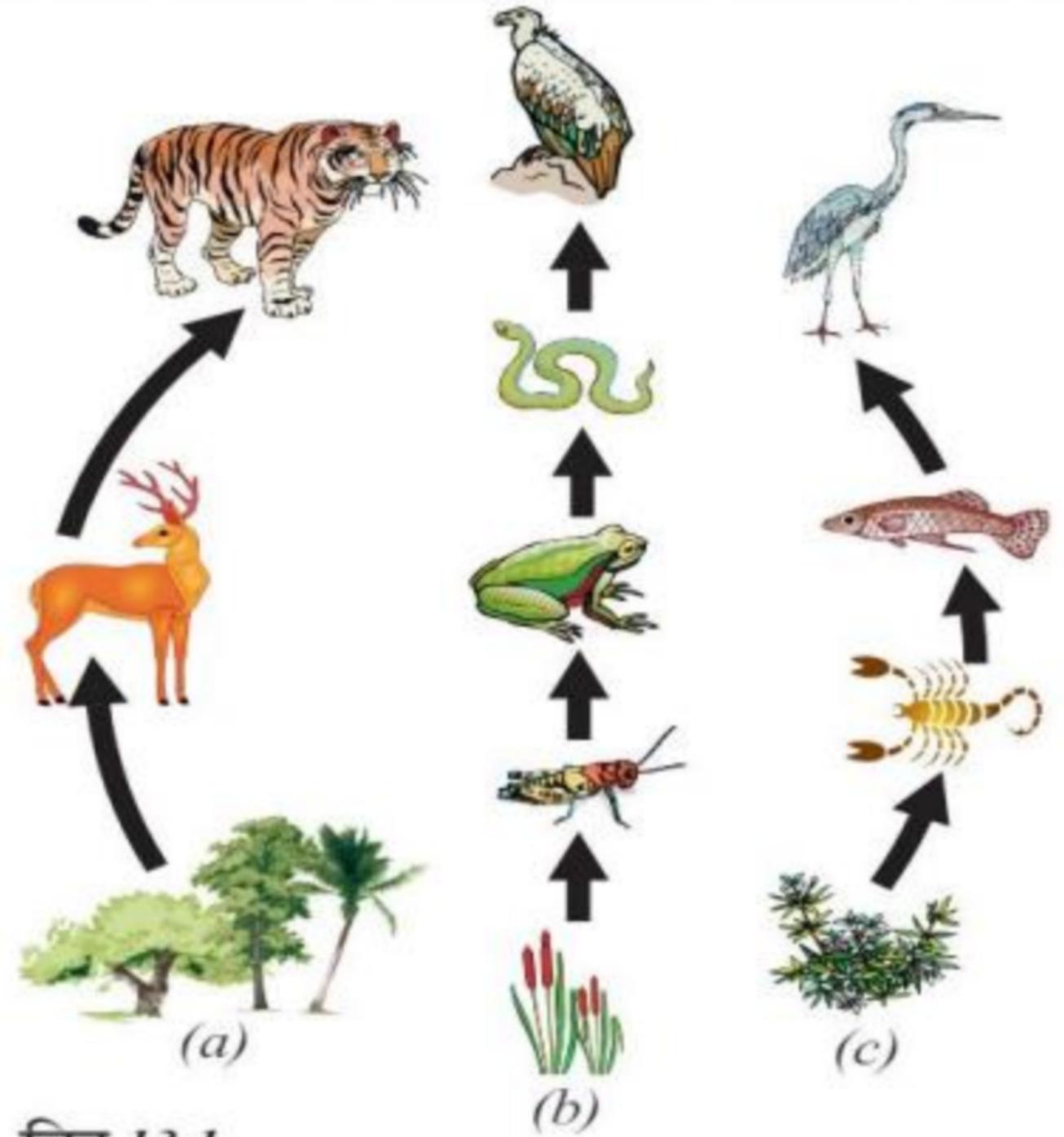
→ It happens because only 10% energy is transferred from one trophic level to another.

In a food chain energy ~~is~~ transfer is always unidirectional.



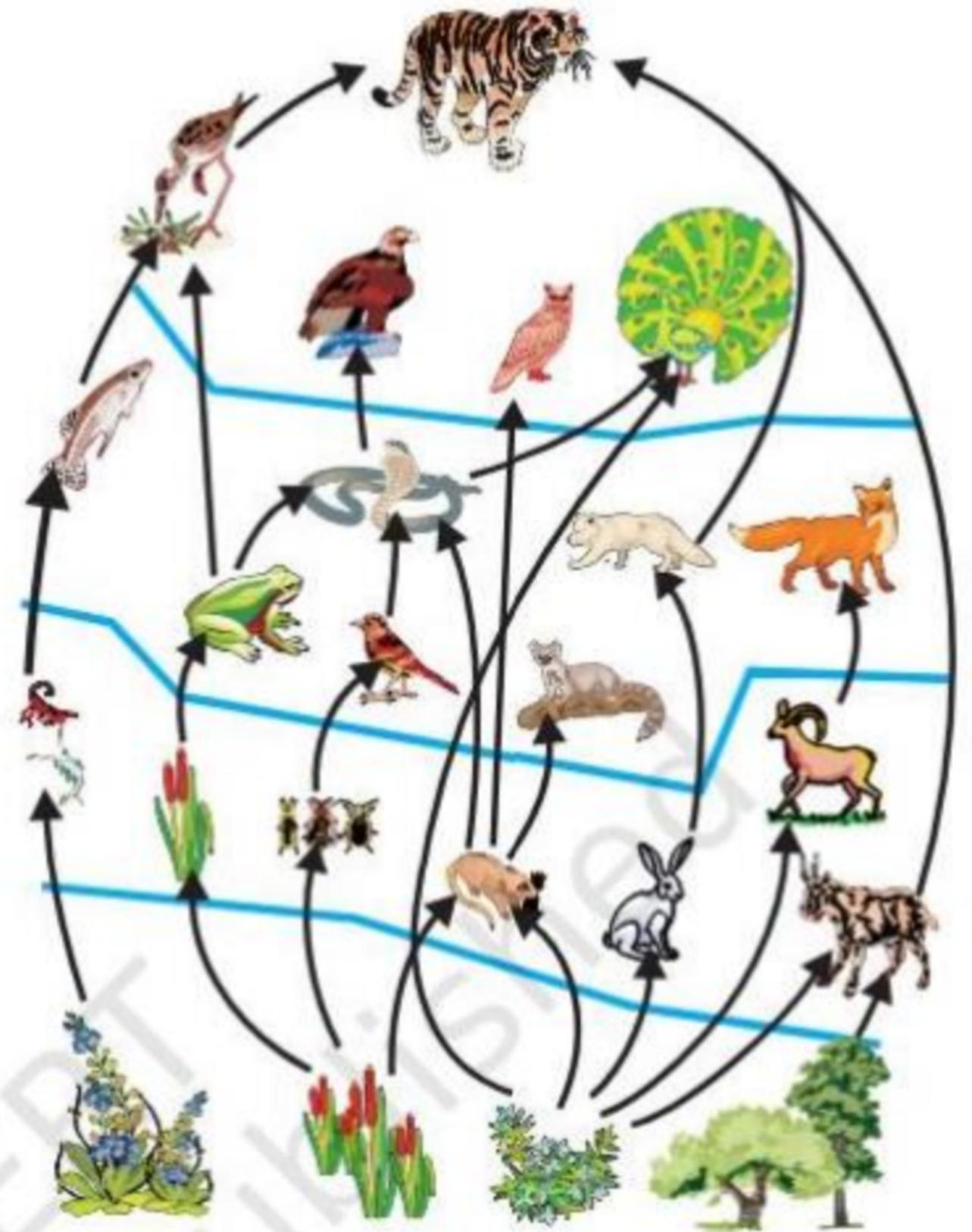


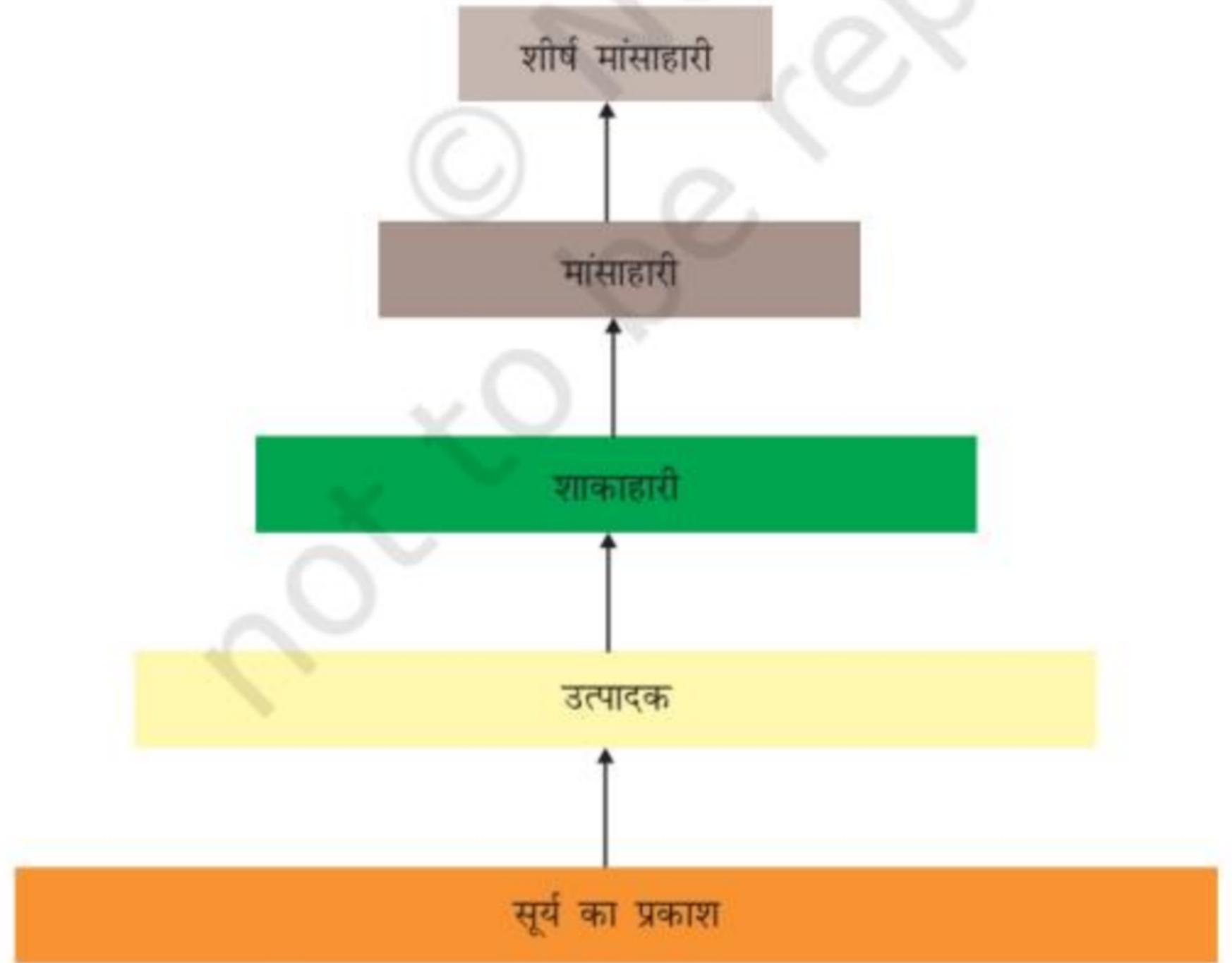
चित्र 13.2 पोषी स्तर



चित्र 13.1

प्रकृति में आहार शृंखला (a) वन में (b) घास के मैदानों में (c) तालाब में





चित्र 13.4 एक पारितंत्र में ऊर्जा के प्रवाह का आरेख चित्र

UPSC



KHAN GLOBAL STUDIES

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THANKS FOR WATCHING

