





WBBCS 2022



SCIENCE

ECOSYSTEM



LIVE 12:00 PM

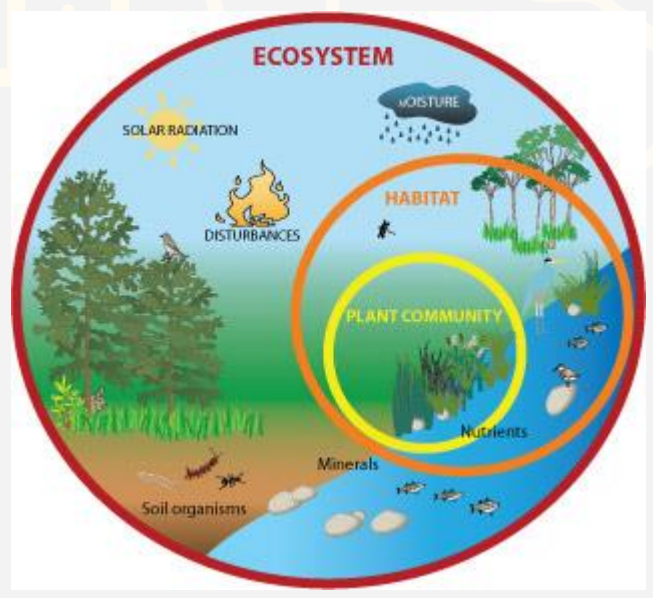
22 Feb 2022

SOME INTERESTING FACTS ABOUT BIODIVERSITY

- Let us look at some interesting aspects about earth's biodiversity based on the currently available species inventories.
- More than 70 per cent of all the species recorded are animals, while plants (including algae, fungi, bryophytes, gymnosperms and angiosperms) comprise no more than 22 per cent of the total.
- Among animals, insects are the most species-rich taxonomic group, making up more than 70 per cent of the total. That means, out of every 10 animals on this planet, 7 are insects

ECOSYSTEM/ বাস্তুতন্ত্র

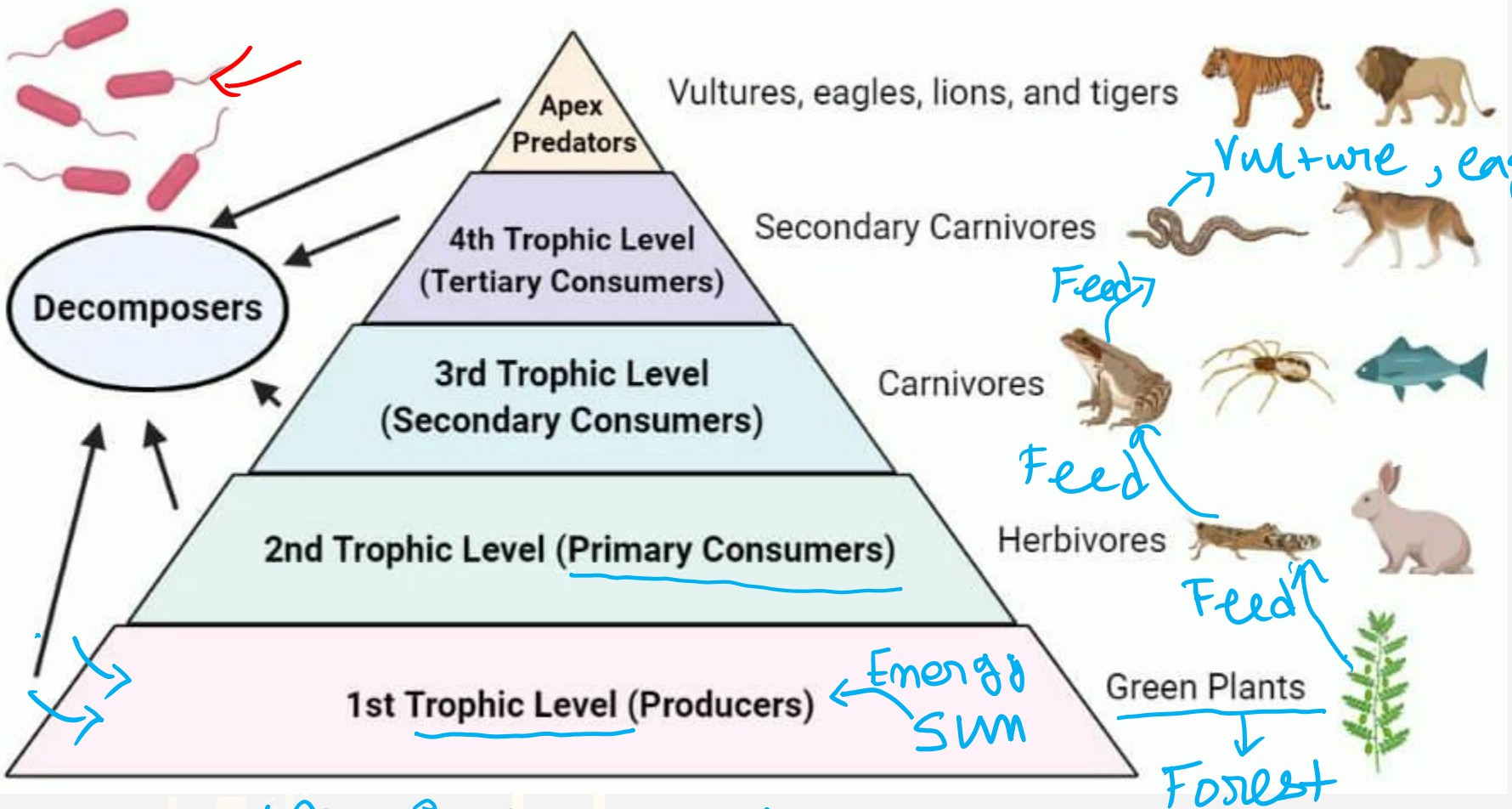
An ecosystem can be visualised as a functional unit of nature where living organisms interact among themselves and also with the surrounding physical environment.



EXAMPLE

1. FOREST(বন): Forest is an area where large number of plants grow.
2. 21% of total land of India consists of forest.
3. বন হল অনেকটা অঞ্চল জুড়ে জন্মানো উদ্ভিদসমষ্টি
4. ভারতের স্থল ভাগের ২১ শতাংশ স্থান হল বন





Solar energy → Producer → Chemical energy

Sea / Marine ecosystem
↓
Phytoplanktons

TYPES OF FOREST

Tropical Evergreen and Semi Evergreen forests

চিরহরিৎ বন

Tropical Deciduous forests

পাতাশূন্য ডালিয়ার বন

Tropical Thorn forests

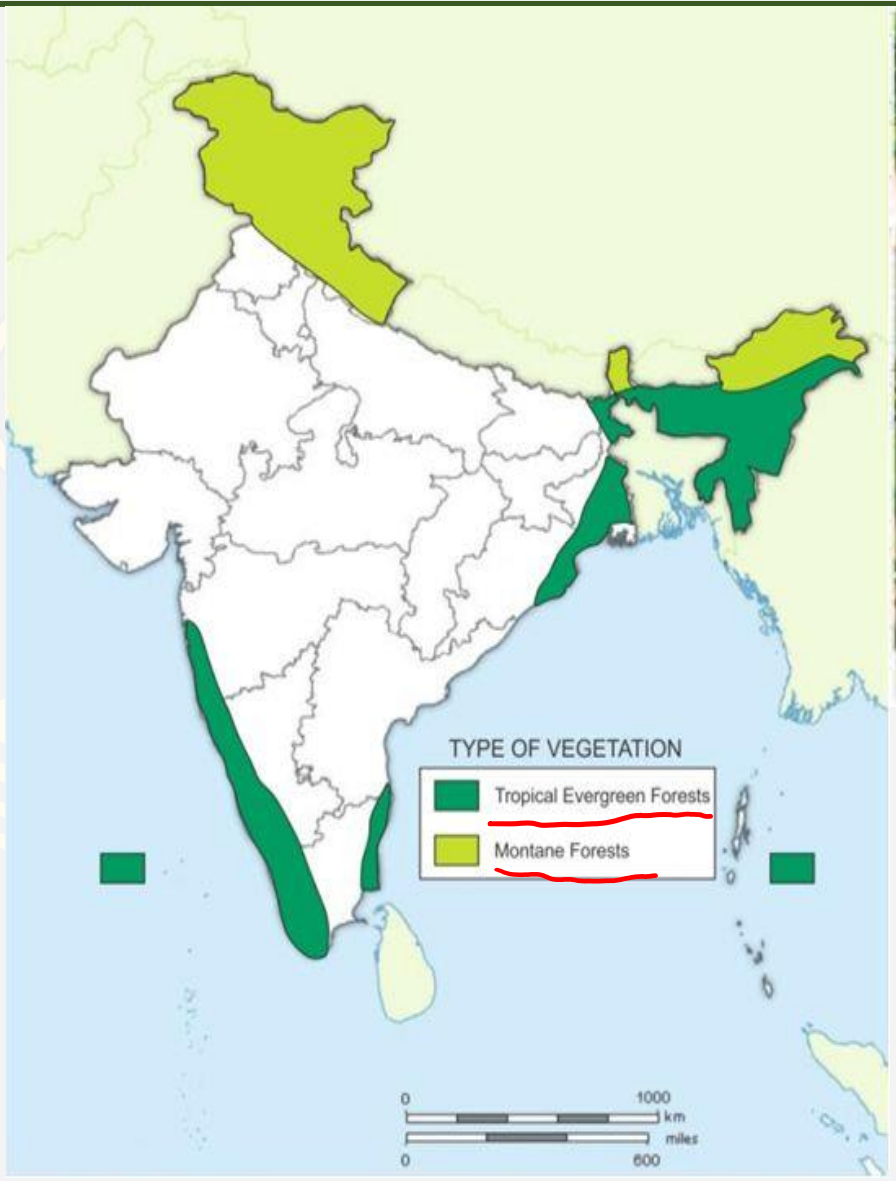
কর্কটক জাতীয় উদ্ভিদে বন

Montane forests

পার্বত্য অরণ্য

Littoral and Swamp forests.

স্মারন জোড়



Animals Found in Rain Forest



TEAK TREE



RAIN TREE



MAHOGANY TREE



TAMARIND TREE

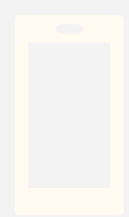


JACKFRUIT TREE



ROSEWOOD TREE

Rubber Tree





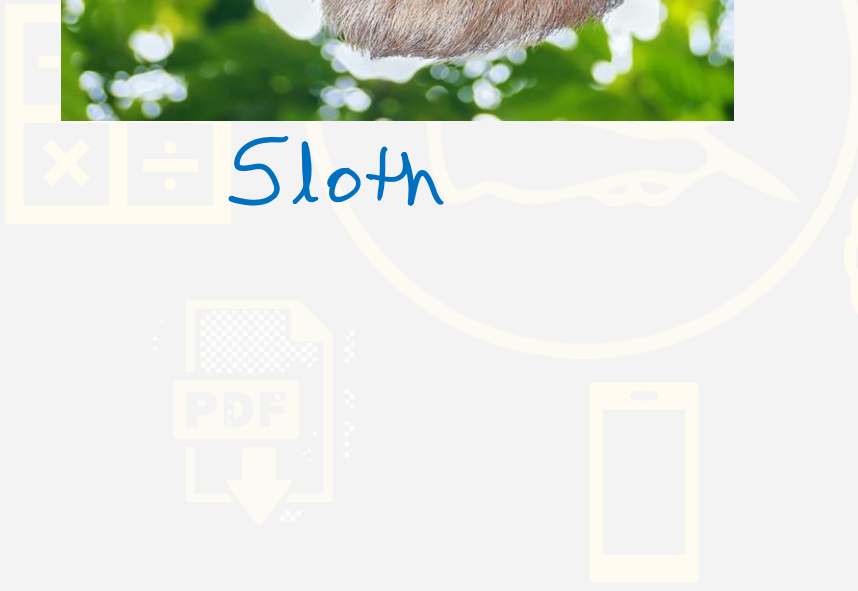
Sloth



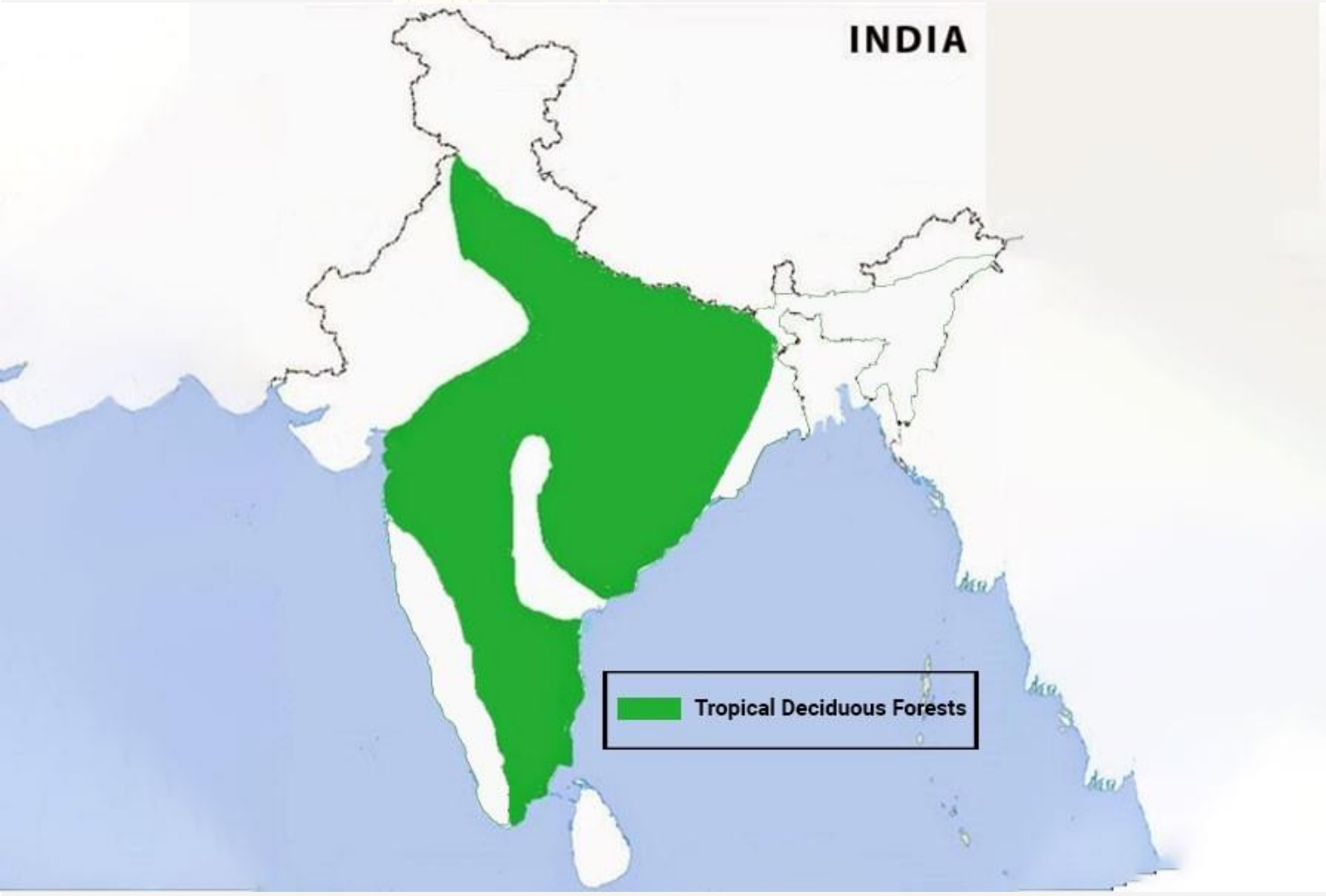
Lemur



One horn Rhino



TROPICAL DECIDUOUS FOREST





Babul

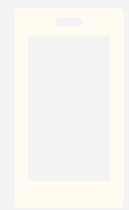
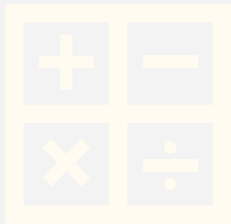


Mahua

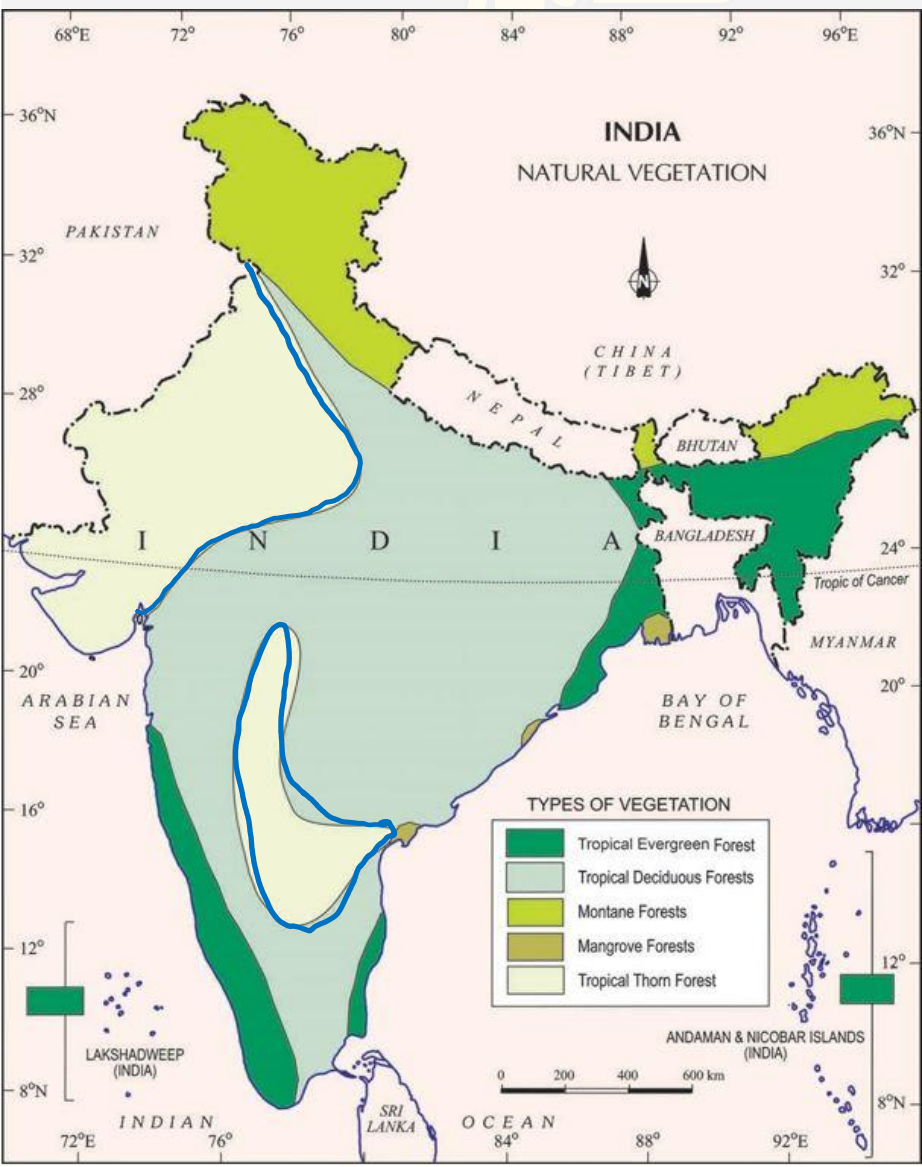


Palash





TROPICAL THORN FOREST IN INDIA



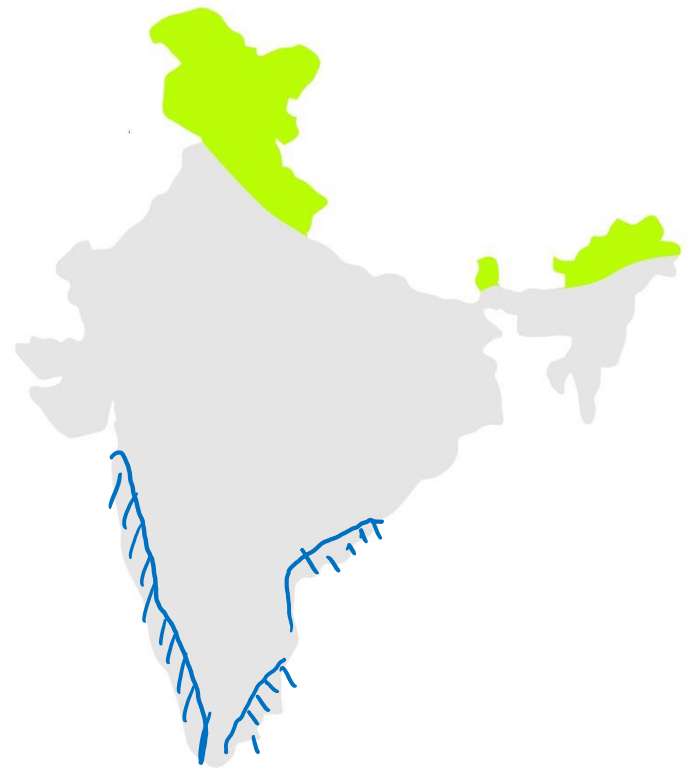


wild ass

camel



MONTANE FOREST



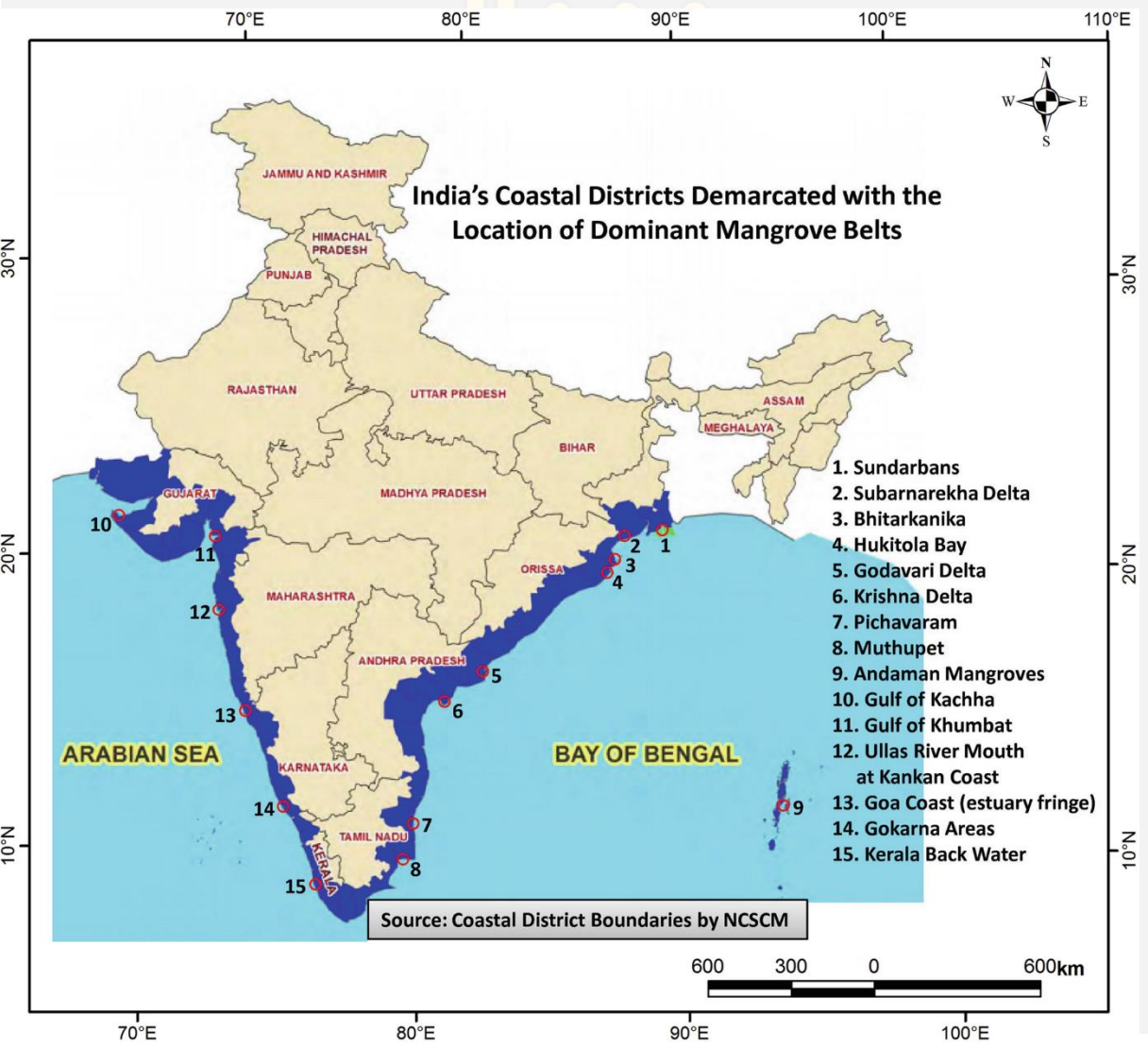
Montane Forests



Kashmiri Stag



LITTORAL AND SWAMP FOREST





Sundari



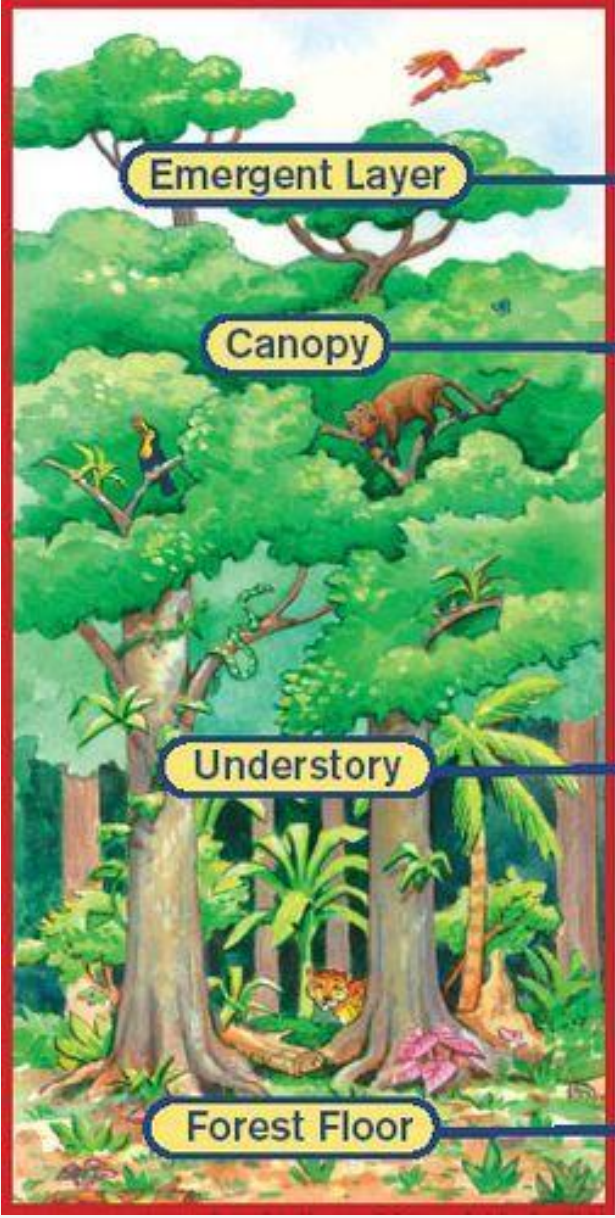
Gonam



Olive ridley



← Gharial



Emergent Layer

Birds, bats, and butterflies live in the tops of the tallest trees. That is called the **emergent layer**.

Canopy

In the tops of the shorter trees, or **canopy**, you can find animals such as toucans and monkeys.

Understory

Snakes, red-eyed tree frogs, and other animals live in the **understory**, or lower branches.

Forest Floor

Animals such as jaguars can be found on the dark **forest floor**.

1. What is 'Arribada'?
 - a. Mass nestling of Olive Ridley
 - b. Setting up a habitat by Red Panda
 - c. Colony formation by Penguin
 - d. None of the above



2. What is Plankton?

- a. Large plants in water
- b. Microscopic floating organisms plants and animals
- c. Bottom dwelling aquatic organisms
- d. None of the above



3. Biotic environment include
- a. Consumers
 - b. Decomposers
 - c. Producers
 - d. All of the above



4. An ecosystem consists of
- a. Population
 - b. A biotic community
 - c. A population and its non living elements
 - d. A biotic community and its non-living element



5. The Biodiversity act was passed

in

- a. 2000
- b. 2002
- c. 2004
- d. 2008





WBCS BATCH 2022



SUMANA MAHENDRAS
(GS)



ANURAG MAHENDRAS
(GA/GS)



BORNON MAHENDRAS
(GA/GS)



SHIRSITA MAHENDRAS
(GA/GS)



VISHAL MAHENDRAS
(MATHS)



AYAN MAHENDRAS
(GS)



SRAYA MAHENDRAS
(ENGLISH)



NITESH MAHENDRAS
(REASONING)



MONDAY TO FRIDAY - 11:30 AM TO 1:30 PM

W.B.C.S - YouTube schedule for 5-days

TIMING	DAYS				
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
11:30	ECO	CA	ECO	POL	BEN
12:00	HIS	SCI	POL	SCI	REAS
12:30	ENG	MATHS	ENG	MATHS	ENG
13:00	GEO	HIS	GEO	HIS	CA



WBCS BATCH 2022



WBCS OFFLINE BATCH STARTS FORM

26TH FEBRUARY

TIMING - 1:30-5:30PM

BOOK YOUR SEAT NOW

9230141497/8017652045/6386903177/6291322109

