



Basic Science

Biology- 2

Consider the following pairs :

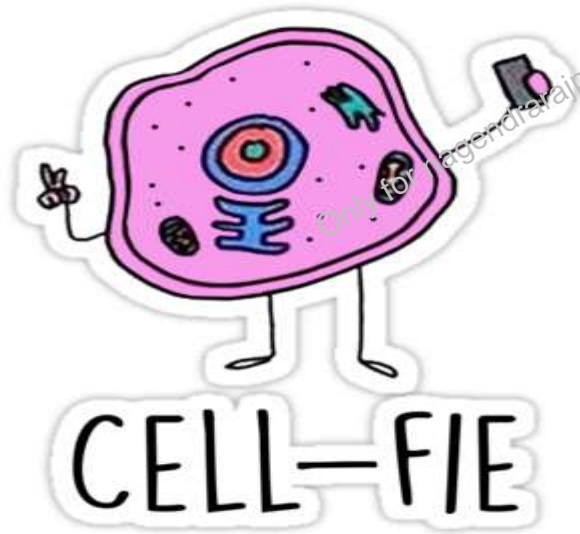
Vitamin	Deficiency disease
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- | | |
|--------------|-----------------|
| 1. Vitamin C | Scurvy |
| 2. Vitamin D | Rickets |
| 3. Vitamin E | Night blindness |

Which of the pairs given above is/are correctly matched?

- a) 1 and 2 only
- b) 3 only
- c) 1, 2 and 3
- d) None

Cell Biology



Amoeba



Euglena



Paramecium



Bacteria

EXAMPLES OF UNICELLULAR ORGANISMS



Insect



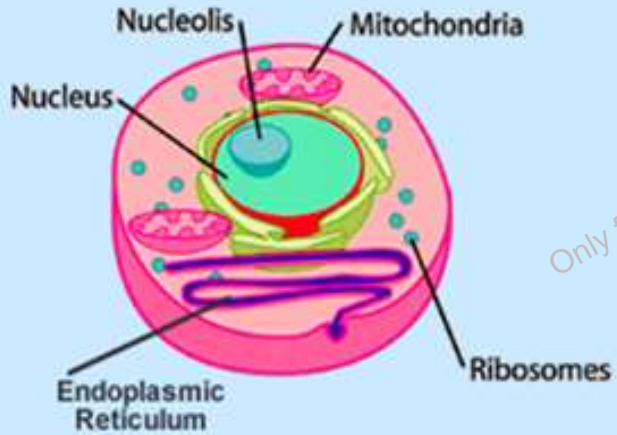
Human body



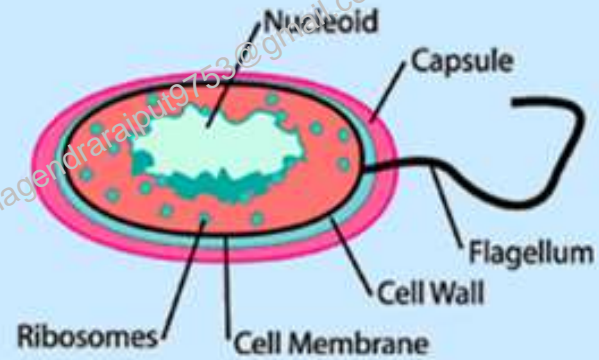
Plant body

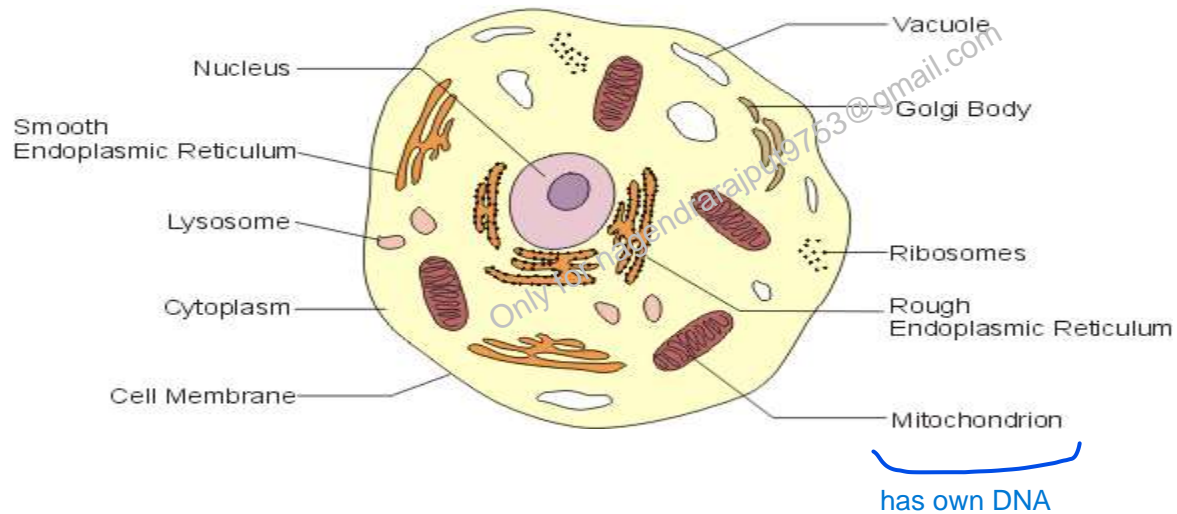
EXAMPLES OF MULTICELLULAR ORGANISMS

EUKARYOTE



PROKARYOTE

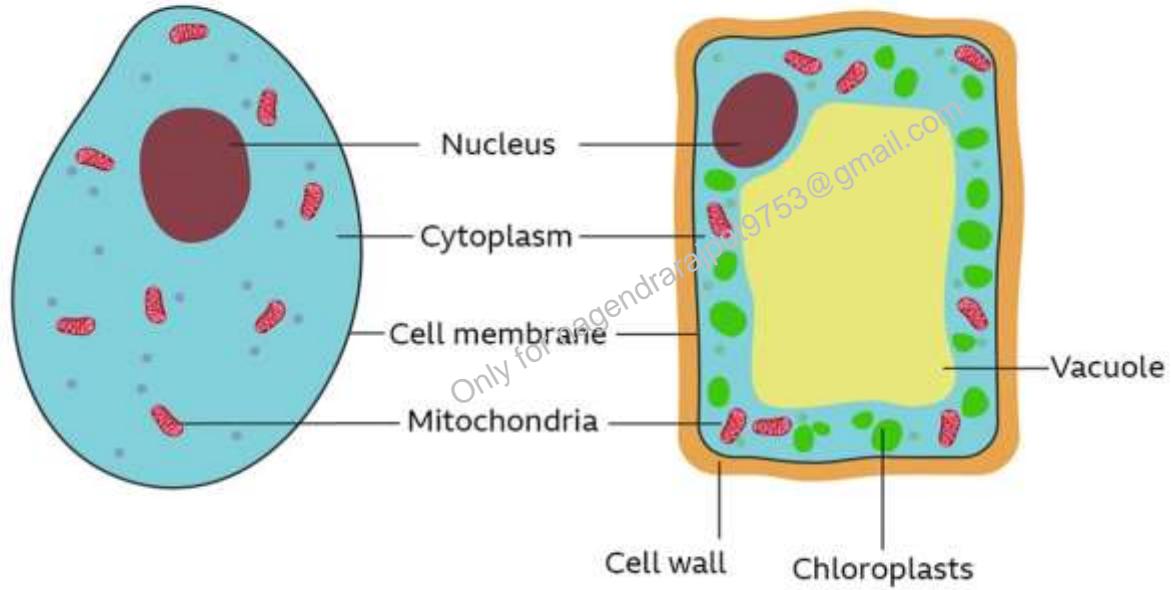





(these ER have
Ribosomes on its structure
that's why rough ER)

Animal cell

Plant cell





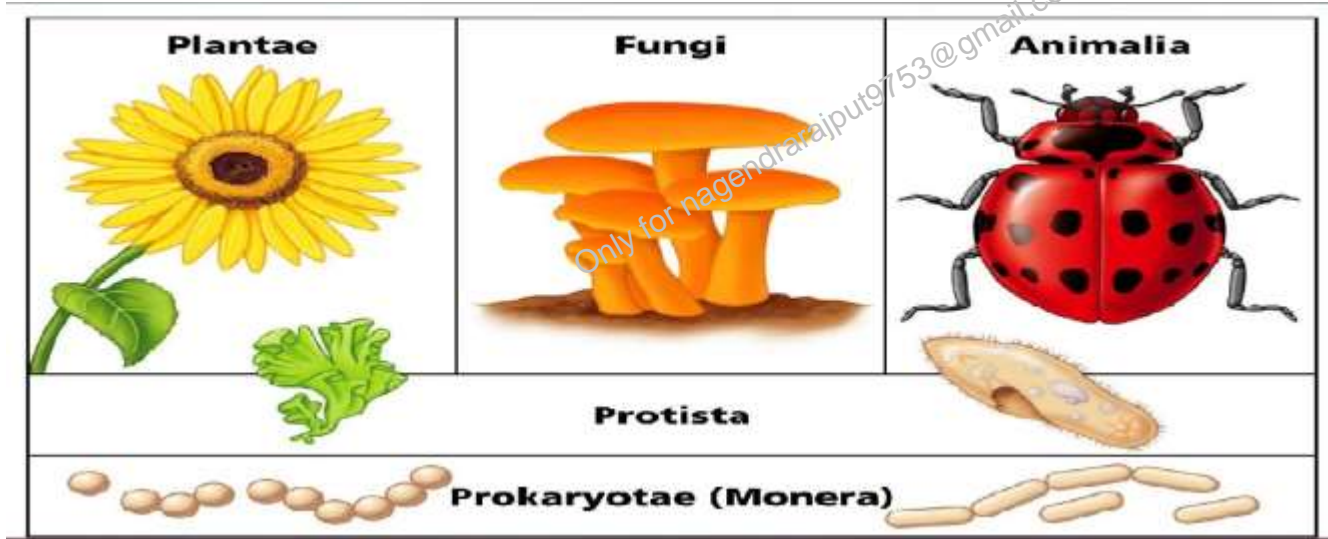
Which of the following statements are correct regarding the general difference between plant and animal cells?

1. Plant cells have cellulose cell walls whilst animal cells do not.
2. Plant cells do not have plasma membrane unlike animal cells which do.
3. Mature plant cell has one large vacuole whilst animal cell has many small vacuoles.

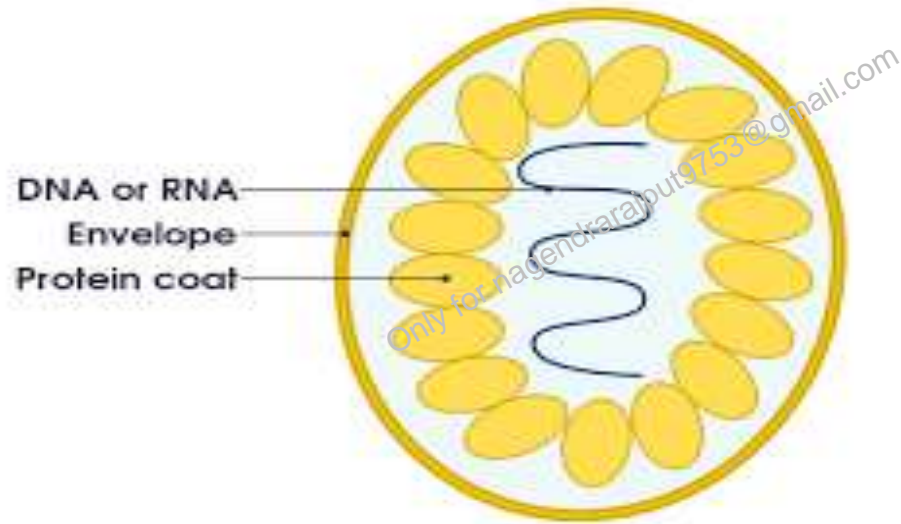
Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

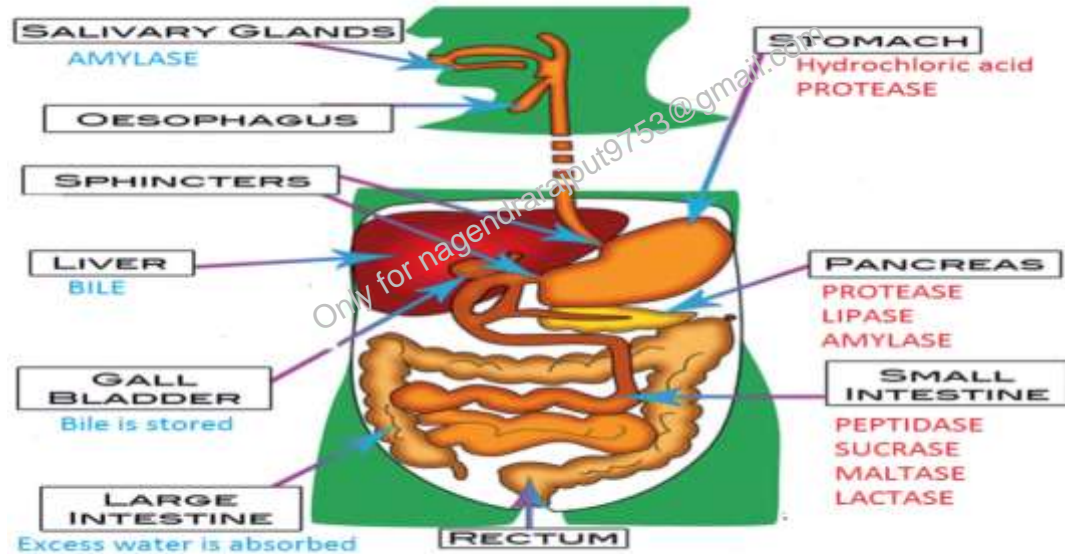
5 kingdom Classification



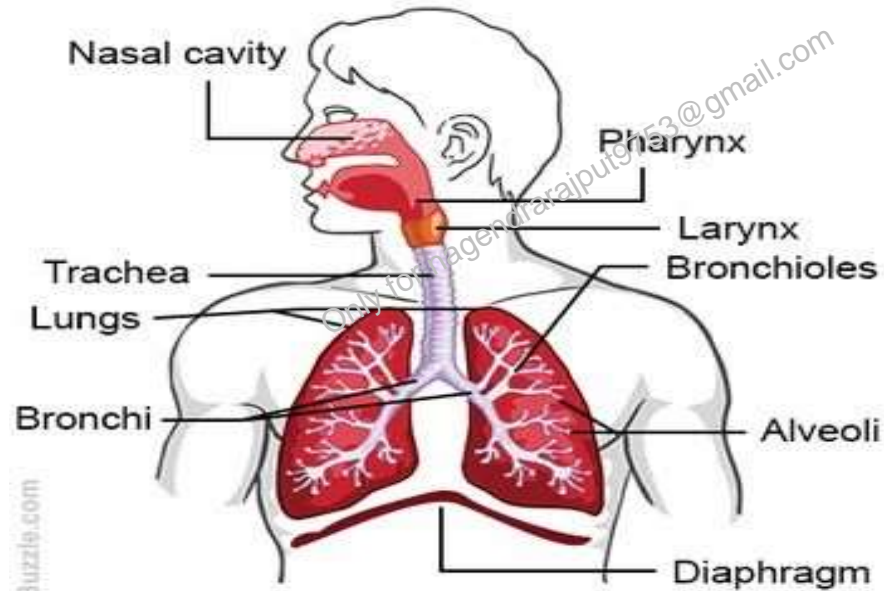
VIRUS



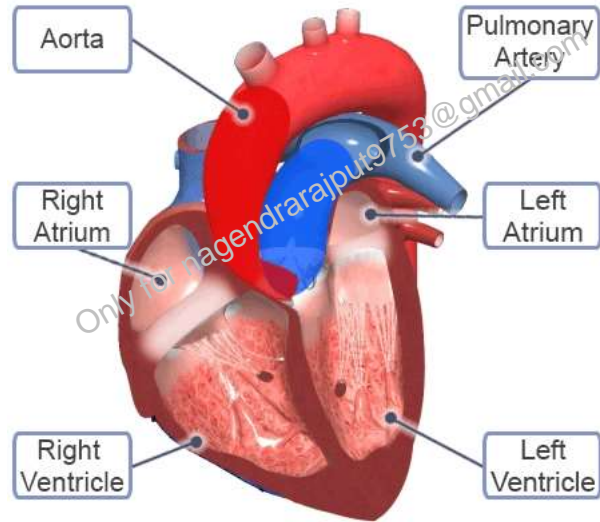
Digestive System



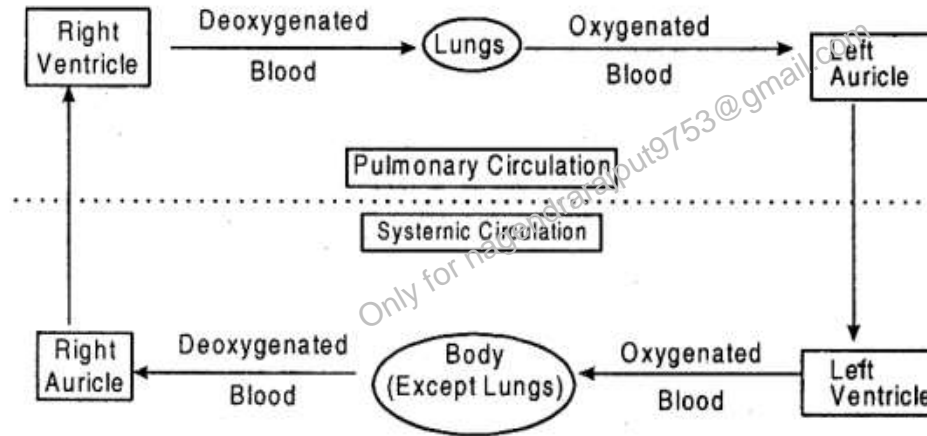
Respiratory System



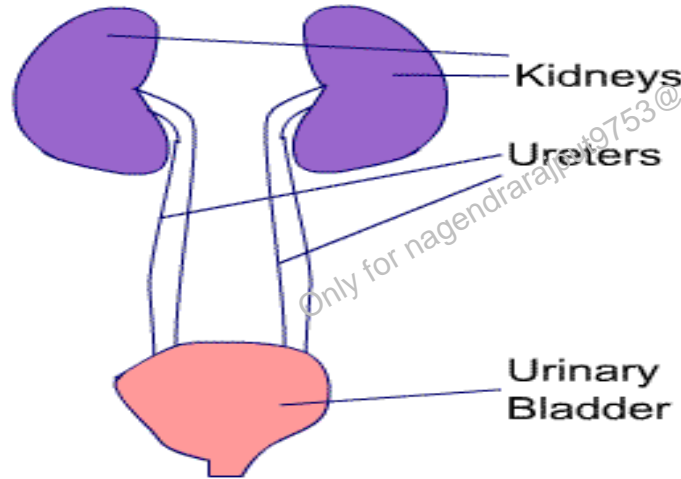
Circulatory System



Double circulation in Heart



Excretory System



Oxygen transportation in a human body takes place through:

1. Blood
2. Lungs
3. Tissues

The correct sequence of transportation is:

- a) 1, 2, 3
- b) 3, 1, 2
- c) 2, 1, 3
- d) 1, 3, 2