

Q: Write a short note on  
Respiratory System?

Ans: Respiratory system is responsible  
for gaseous exchange in the  
body.

-> INHALE OF AIR:

Breathing in of air:

Nitrogen = 78%

Oxygen = 21%

Carbon dioxide = 0.08%

-> EXHALE OF AIR:

Breathing out of air:

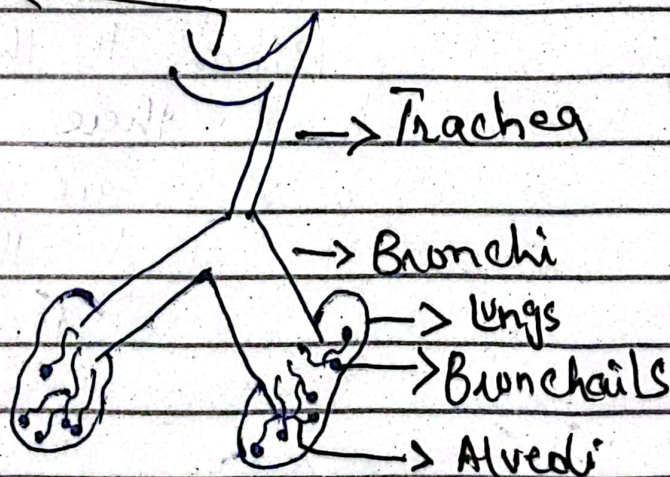
Nitrogen = 78%

Oxygen = 17%

Carbon dioxide = 4%

-> COMPONENTS OF RESPIRATORY SYSTEM:

Nose ←





-> NOSE :

Nose is the starting point of respiratory system. It contains nose hair which is responsible for filtration of air. It also contains sticky mucus which warms the air.

-> TRACHEA :

Trachea is a wind pipe which provides passage to the air. It consists of ring-shaped cartilages which help in the openness of the trachea.

-> BRONCHI :

Bronchi are a pair of tubes which pass air to the lungs.



→ BRONCHIALS :

Bronchials is a cluster of branches in the lungs. It help in increase the surface area for air.

→ ALVEOLI :

Alveoli is a dotted structure present at the tips of Bronchials. Alveoli is the exact place where gaseous exchange take place.