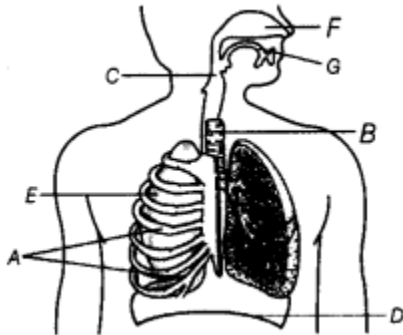


HOTS QUESTIONS FROM CH.10: Respiration in organisms

1. Our nostrils has hair and mucous. What is the need to have them in our nasal cavity?
2. Frogs are amphibians. They survive on land and water, do they have any respiratory issue? How does frog breathe when they are in water? Do they possess lungs? Explain the role of lungs in frogs.
3. Ramisha went to field for playing badminton. After playing for one hour, she started feeling hungry. Why?
4. There are three animals named A, B and C. Among them A can stay on land as well as in water. When it stays at land it respire through lungs but when it goes into water, it respire through its moist skin. Animal B has a network of air tubes connected with spiracles for gaseous exchange. While animal C is a water animal which respire through nostrils and lungs. Now give the name of animal A, B and C.
5. Observe the given diagram of human respiratory system. List the organs from (A) to (G).



6. Why does a cockroach die when kept in water?
7. Is it right or advisable to sleep under a tree at night? Justify your answer.