



## **NATIONAL MEANS CUM MERIT SCHOLARSHIP TEST**

**PART - II      BIOLOGY      LIVE WORKSHEET      BS 4**

### **4. RESPIRATION IN ORGANISMS**

- 1. What happens to lime water, when we exhale air into it ? ( )**  
1) Remains same      2) Turns Blue  
3) Turns milky      4) Becomes colourless
  
- 2. Plants respire through ( )**  
1) Cells      2) Stomata  
3) Gills      4) Cell membrane
  
- 3. The respiratory organs in Cockroach are ( )**  
1) Lungs      2) Gills  
3) Lenticels      4) Spiracles
  
- 4. The process of breathing in air is called ( )**  
1) Inspiration      2) Expiration  
3) Respiration      4) All the above
  
- 5. The process which involves the exchange of gases is called( )**  
1) Respiration      2) Circulation  
3) Digestion      4) Breathing
  
- 6. During inspiration air passes into lungs due to ( )**  
1) increased volume of thoracic cavity  
2) Fall in pressure inside the lungs  
3) increase in the volume of thoracic cavity and fall in lung pressure  
4) Muscular expansion of lungs
  
- 7. Roots respire through ( )**  
1)Spiracles      2)Lenticels

3) Stomata

4) Air spaces

8. Which of the following animals breathe through their skin and lungs? ( )

1) Fish

2) Frog

3) Snake

4) Earth worm

9. Choose the INCORRECT pair . ( )

1. Fish - Gill

2. Tadpole - Gill

3. Cockroach. - Tracheal tubes

4. Earthworm - Gill

10. If the earthworm's skin is dried up , what will happen to it ?

( )

1. It can't respire.

2. It can't take food .

3. It can't protect itself

4. No change occurs

11. Spiracles are the respiratory organs of ( )

1. Fish

2. Frog

3. Cockroach

4. Leech

12. Match the following .

A

B

1) Fish

( )

a) skin

2) Frog

( )

b) Gills

3) Cockroach

( )

c) Trachea

13. The process of breathing out air is called.

( )

1) respiration

2) expiration

3) breaking

4) none

14). Plant use this gas during respiration

( )

1) nitrogen

2) carbon dioxide

3) oxygen

4) all the above

**15. choose the correct matching answer.**

A	B
i) Earthworm	(      ) a) gills
ii) Fishes	(      ) b) skin
iii) Insects	(      ) c) Trachea

**16. Choose the correct statement as priestley's demonstration (      )**

- 1) plants wear making the air impure animals wear making it pure
- 2) animal wear making the air impure plants wear making it pure
- 3) plants exchange gases with their surrounding air
- 4) the plants grow because of the pure water it gets