



Respiration in organism class 7

1. Fill in the blanks

- a) Earthworm breaths through
- b) Within lungs, the exchange of gases takes place in the
- c) Energy from food is released by the process of
- d) Plants respire through.....
- e) In fish oxygen is absorbed from water through
- f) The common passage that opens both into the oesophagus and the trachea is
- g) Stomatal apparatus comprises ofand
- h) In males ... tends to protrude and is known as Adam's apple
- i) During breathing, when diaphragm relaxes lungs
- j) Animals can get oxygen from both air and water. True?
- k) Chemical reaction that releases During digestion of foods.
- l) Rate of respiration is
- m) Process of movement of gases between alveoli and blood is called

2. Why respiration and combustion are the same process?

3. Differentiate between inhalation and exhalation

4. What is diaphragm? Write its function

5. What is cause of muscle cramp? How can we get relief from it?

6. What is the normal breathing rate?

7. Define pulse

8. How can you prove that you exhale carbon dioxide?

9. What is the difference between breathing and respiration

10. What is the difference between gills and lungs? How do internal gills work?

11. What are the different organs of respiratory system?

12. What is the other name of wind pipe?

13. Describe the process of respiration of cockroach?
14. The woody stem plant part also respire. T/F
15. Why should a plant not be over watered?
16. Why do we have muscle cramps after doing heavy exercise? How can get relief?
17. Write down the equations of aerobic and anaerobic respiration

18. Mcq
 1. The dome shaped muscle present beneath the lungs is called
 - a) Alveoli b) trachea c) diaphragm d) bronchus
 2. Which of the following respire anaerobically
 - a) Cockroach b) fungus c) yeast d) bacteria
 3. Exhaled air contains more of
 - a) oxygen b) carbon di oxide c) dust d) none of these
 4. Glucose to energy and carbon di oxide and ethanol
The equation represents
 - a) Photosynthesis
 - b) Aerobic respiration
 - c) Anaerobic respiration
 - d) Exhalation
 5. The small sac present at the ends of bronchioles are
 - a) Lungs b) alveoli c) bronchi d) none of these.
 6. respire through very fine air holes on their bodies called spiracles
 - a) Grass hopper b) fish c) earthworm d) whale
 7. When plants respire they give out and take in
 - a) Oxygen and carbon di oxide b) carbon di oxide and oxygen c) oxygen d) carbon di oxide carbon di oxide
 8. In human which structure is comparable to the spiracles of cockroaches?
 - a) Lungs b) alveoli c) bronchioles d) stomata
 9. The narrowest and most numerous tubes in lungs are called
 - a) Bronchus b) bronchioles c) alveoli d) trachea
 10. The inner lining of the traches has fine hairs like structures called which helps to push the dust trapped by the mucus back in to the pharynx

a) Alveoli b) cilia c) epiglottis d) glottis

11. Fish breathe through

a) Lungs b) gills c) fins d) tails

12. During night plants give out

a) Oxygen b) carbon di oxide c) nitrogen d) sulphur

13. The following doesn't help in breathing

a) Rib cage b) diaphragm c) nostril d) food pipe

14. Which gas is used in respiration?

a) Oxygen b) nitrogen c) carbon di oxide d) hydrogen

15. In the earthworm air enters through

a) Lungs b) gills c) spiracles d) skin

16. Which one has two organs for breathing?

a) Frogs b) birds c) earthworms d) human beings

17. Within lungs the exchange of gases take place in

a) Alveoli b) trachea c) bronchi d) diaphragm

18. Normal breathing rate per minute is

a) 9-12 b) 15-18 c) 21-24 d) 30-33

19. Which of the following organism use general body surface for gaseous exchange?

a) Amoeba b) leech c) earthworm d) all of thses

19. True and false

- a) Always breath through your mouth
- b) The size of the chest cavity is made of lungs
- c) The size of the chest cavity is increased during inhalation
- d) Respiration and breathing are the similar process
- e) Trachea has large surface area for exchange of gas

20. Select on one out

- a) Trachea, skin, muscle, lungs
- b) Carbon di oxide, ethyl alcohol, lactic acid, water

21. Give reason

- a) Human can not survive under the water

- b) We should always breathe through nose
- c) Hot water bath relief muscle cramps
- d) Due to over exercise we have muscle cramps
- e) Frogs can breath in water and land

Give one word answer

1. The other name of larynx
2. Organism can produce alcohol
3. The cells control opening and closing of stomata
4. The muscular membrane below lungs
5. The gas extinguishes carbon di oxide
6. The substance is respired

