

10. Which one of the following organisms can breathe through their skin?
(a) Lions (b) Birds (c) Snakes (d) Frogs
11. Which of following animals Possesses lungs in their chest cavities?
(a) Elephant (b) Lizard (c) Birds (d) All of these
12. Tiny pores on the leaves of plants through which exchange of gases takes place are called
(a) nostrils (b) stomata (c) spiracles (d) lenticels.
13. Select the correct statement regarding plant respiration.
(a) Root cells of plants need oxygen to generate energy.
(b) Stomata help in gaseous exchange in plants.
(c) Plant roots obtain oxygen from air trapped between soil particles.
(d) All of these
14. Yeast is used in wine and beer industries because it respire
(a) aerobically producing oxygen (b) aerobically producing alcohol
(c) anaerobically producing alcohol (d) anaerobically producing CO_2 .
15. During the process of exhalation, the ribs move
(a) down and inwards (b) up and inwards
(c) down and outwards (d) up and outwards.
16. Breathing is a process that
(i) provides O_2 to the body (ii) breaks down food to release energy
(iii) helps the body to get rid of CO_2 (iv) produces water in the cells.
Which of the following gives the correct combination of functions of breathing?
(a) (i) and (ii) (b) (ii) and (iii) (c) (i) and (iii) (d) (ii) and (iv)
17. Fish breathe with the help of gills which are richly supplied with blood vessels. The gills help the fish to
(a) take in oxygen from air (b) take in oxygen dissolved in water
(c) absorb nutrients present in water (d) release waste substances in water.
18. Earthworms and frogs breathe through their skin because of which the skin of both the organisms is
(a) moist and rough (b) dry and rough (c) dry and slimy (d) moist and slimy.

Assertion-Reason Codes:

- (a) If both Assertion and Reason are true and Reason is the correct explanation of Assertion.
(b) If both Assertion and Reason are true and Reason is not the correct explanation of Assertion.
(c) If Assertion is true but Reason is false.
(d) If both Assertion and Reason are false.
19. Assertion: Anaerobic respiration involves complete oxidation of glucose.
Reason: The end products of anaerobic respiration are carbon dioxide and water.
20. Assertion: Lenticels are small pores present on the bark of the stem.
Reason: Lenticels help in gaseous exchange in plants.
21. Assertion: Alveoli are the sites of gaseous exchange in lungs.
Reason: Alveoli have thick walls and are richly supplied with blood capillaries.
22. Assertion: Diaphragm is a large muscular sheet that forms the floor of the chest cavity.
Reason: Diaphragm plays an important role in expiration only.