

Science Quiz: Biology and Health

Science · Answer Key · 29 Questions

1. What are flightless birds? Give some examples.

- A) Birds that cannot fly, like penguins and ostriches.**
- B) Birds that only fly at night, like owls.
- C) Birds that can fly but choose not to, like chickens.
- D) Birds that have lost their feathers, like emus.

2. What is bone marrow?

- A) The hard outer layer of bones.
- B) The soft tissue inside bones that produces blood cells.**
- C) The fluid that lubricates joints.
- D) The outer covering of the bone.

3. Explain the different parts of an eye.

- A) Iris, pupil, lens, retina, cornea, optic nerve.**
- B) Eardrum, cochlea, auditory nerve.
- C) Brain, spinal cord, nerves.
- D) Stomach, intestines, liver.

4. What is a habitat? Name the different types of habitats.

- A) A natural home or environment of an animal, plant, or other organism. Types include forests, deserts, oceans, and grasslands.**
- B) A place where food is stored. Types include refrigerators and pantries.
- C) A place where people live. Types include houses and apartments.
- D) The process of growing plants. Types include hydroponics and soil farming.

5. Define nutrients. Name five types of nutrients.

- A) Substances that provide nourishment essential for growth and maintenance of life. Five types are carbohydrates, proteins, fats, vitamins, and minerals.**
- B) Elements found in the air that are essential for breathing.
- C) Liquids that help digest food.
- D) Chemical compounds that make up rocks.

6. What are deficiency diseases?

- A) Diseases caused by a lack of essential nutrients in the diet.**
- B) Diseases that spread from one person to another.
- C) Diseases caused by genetic mutations.
- D) Diseases caused by environmental pollution.

7. Explain the different types of muscles.

A) Skeletal muscles, smooth muscles, and cardiac muscles.

- B) Muscles in the arms, legs, and torso.
- C) Muscles that contract and muscles that relax.
- D) Voluntary muscles and involuntary muscles.

8. What is the difference between a sprain and a fracture?

A) A sprain is an injury to a ligament, while a fracture is a break in a bone.

- B) A sprain is a bruise, while a fracture is a cut.
- C) A sprain affects muscles, while a fracture affects tendons.
- D) A sprain is a dislocation, while a fracture is a tear.

9. Explain the food pyramid.

A) A guide for healthy eating that shows the recommended number of servings from different food groups.

- B) A diagram showing how food is produced.
- C) A chart illustrating the calorie content of various foods.
- D) A list of poisonous foods.

10. Fishes breathe with the help of this.

A) Gills

- B) Lungs
- C) Skin
- D) Nose

11. Air holes through which insects breathe.

A) Spiracles

- B) Stomata
- C) Pores
- D) Gills

12. Mosquitoes suck the blood with the help of this.

A) Proboscis

- B) Tongue
- C) Mouth
- D) Stinger

13. Migratory sea animal.

A) Whale

- B) Shark
- C) Dolphin
- D) Fish

14. Tortoises swim with the help of this.

A) Shell

B) Flippers

C) Legs

D) Tail

15. Animals that have small sharp front teeth.

A) Rodents

B) Herbivores

C) Carnivores

D) Omnivores

16. All the seeds do not grow into new plants.

A) True

B) False

17. Frogs use webbed feet to swim on the water surface.

A) True

B) False

18. The nervous system controls the activities of all parts of your body.

A) True

B) False

19. Our tongue helps us to feel the different things.

A) True

B) False

20. The cerebrum is situated at the back of our brain.

A) True

B) False

21. Night blindness is caused by vitamin B.

A) True

B) False

22. A balanced diet has all the nutrients in correct proportion.

A) True

B) False

23. Non-communicable diseases pass from one person to another.

A) True

B) False

24. Fasten your seat belt when you are travelling in a car.

A) True

B) False

25. We should not follow the traffic rules and signals.

A) True

B) False

26. Match: Fish

A) gills

B) shell

C) controls breathing and circulation

D) Work like a postman

E) nitrogen

27. Match: Medulla

A) gills

B) shell

C) controls breathing and circulation

D) Work like a postman

E) nitrogen

28. Match: Snail

A) gills

B) shell

C) controls breathing and circulation

D) Work like a postman

E) nitrogen

29. Match: Nerves

A) gills

B) shell

C) controls breathing and circulation

D) Work like a postman

E) nitrogen