

Respiratory System Quiz

Name: _____

- 1) What are the primary functions of the respiratory system?
 - a) to perform gas exchange
 - b) to bring gasses into the body
 - c) to supply the blood with oxygen
 - d) All are correct

- 2) Which of the following is NOT a feature of the respiratory system?
 - a) Airway
 - b) Lungs
 - c) Bladder
 - d) Diaphragm

- 3) Which phylum is the largest?
 - a) Porifera
 - b) Arthropoda
 - c) Nematoda
 - d) Chordata

- 4) Which of the following is NOT a characteristic of the phylum Arthropoda?
 - a) A water vascular system
 - b) Appendages with joints
 - c) An open circulatory system
 - d) A hard exoskeleton

- 5) What is the name of the scorpion's respiratory system?
 - a) Sharp stinger
 - b) "Book lungs"
 - c) Water vascular system
 - d) None are correct

- 6) What are the two parts of a scorpion's respiratory system called?
 - a) Ventral and External
 - b) Dorsal and External
 - c) Ventral and Dorsal
 - d) External and Internal

- 7) What kind of respiratory system does a Centipede have?

- a) "Book lungs"
 - b) Tracheal
 - c) Spiracle
 - d) Elongated
- 8) What part of a Centipede brings air into the body?
- a) Trachea
 - b) Spiracle
 - c) Tracheole
 - d) Spiracle cup
- 9) Where in the ocean do Lobsters live?
- a) Coral reef
 - b) The Midnight Zone
 - c) Ocean floor
 - d) The Abyss
- 10) How does a Lobster get oxygen into their body?
- a) Swimmerets
 - b) Cephalothorax
 - c) Legs
 - d) Gills
- 11) What layer of tissue do all mollusks have?
- a) Mantle
 - b) Shell
 - c) Brain
 - d) Tentacles
- 12) What Chemical does a Sea Anemone require to breathe?
- a) Hydrogen
 - b) Uranium
 - c) Plutonium
 - d) Water
- 13) Do jellyfish have a designated respiratory system?
- a) Yes
 - b) No
 - c) Jellyfish don't breathe
 - d) They go through photosynthesis
- 14) What do Cnidaria use tentacles for?
- a) Defense
 - b) Catching food
 - c) Absorbing Oxygen
 - d) All of the above

- 15) Why is the Sea Squirt called a Sea Squirt?
- a) Because of its mating noise
 - b) It takes in and shoots out water.
 - c) It shoots out carbon dioxide
 - d) Water flows through it
- 16) What is the difference between the glass sponge and a lot of other sponges?
- a) It goes through photosynthesis
 - b) It squirts out water
 - c) It has tentacles
 - d) It cannot contract
- 17) What are the two parts to the Mollusk?
- a) Head foot and vesicular mass
 - b) Mantle and Gills
 - c) Head foot and Shell
 - d) Shell and Vesicular mass
- 18) What respiratory organ does the oyster have that does gas exchange?
- a) Lungs
 - b) Mantle
 - c) Gills
 - d) No organ
- 19) What is contained in the tissue of the Oysters mantle?
- a) Small blood vessels that extract Oxygen from the water and release carbon dioxide
 - b) Water
 - c) The Pearl
 - d) Food that is used for the oyster to complete its gas exchange
- 20) How many hearts and gills do squid have?
- a) Two gills and three hearts
 - b) One Gill and four hearts
 - c) Three gills and two hearts
 - d) 40 gills and no heart
- 21) What is the carbon dioxide expelled from the squid from?
- a) Mantle
 - b) Skin
 - c) Eyes
 - d) Siphon
- 22) Where are the gills located in a snail?

- a) Mantle
 - b) Pallial cavity
 - c) Ctenidia
 - d) The head
- 23) How many species of Porifera are there?
- a) 200
 - b) 2500
 - c) 5000
 - d) 100,000
- 24) What characteristic do Cnidaria have?
- a) Radially Symmetrical
 - b) Rotund
 - c) Microscopic
 - d) No tentacles
- 25) How do sponges intake air.
- a) Through gills
 - b) Water Flow
 - c) Lungs
 - d) Don't need respiration
- 26) What does the freshwater sponge have to help it transport oxygen?
- a) Water channels
 - b) Doesn't transport oxygen
 - c) Enzymes
 - d) Biological Catalysts
- 27) What do coral use to help with the diffusion process?
- a) Water pumping cells
 - b) Water flow
 - c) Nerves
 - d) Water channels
- 28) What cells absorb oxygen for the jellyfish?
- a) Skin
 - b) Nerve
 - c) Muscle
 - d) B-cells
- 29) About how many living species of Echinoderms are there?
- a) 5000
 - b) 10,000
 - c) 7000
 - d) 11,000

- 30) Which of the following is NOT a characteristic of Echinoderms?
- a) Notochord
 - b) Radial symmetrical
 - c) Water vascular system
 - d) Internal skeleton
- 31) What part of a Sea Cucumber extracts oxygen from the water?
- a) Cloaca
 - b) "Respiratory trees"
 - c) Dorsal mesentery
 - d) Internal madrepor
- 32) What do Sand Dollars use to bring oxygen into their body?
- a) Gills
 - b) Short spines
 - c) Outer Walls
 - d) None are correct
- 33) Which of the following is NOT true about a Sea Urchin?
- a) Sea Urchins have a poorly developed respiratory system
 - b) The interambulacral area in where most of the respiratory system takes place
 - c) Tiny gills can sometimes be found on the skin
 - d) Tube feet function as respiratory organs
- 34) Which of the following is NOT true about the phylum Chordata?
- a) It is the smallest phylum
 - b) Every animal has a post-anal tail
 - c) It includes the subphyla Vertebrata
 - d) It includes the class Mammalia
- 35) What part of a shark protects the gill from dangerous particles in the water?
- a) Pectoral fin
 - b) Gill rakers
 - c) Mouth
 - d) External gill opening
- 36) Which of the following do humans and sharks share?
- a) Lungs
 - b) Diaphragm
 - c) Trachea
 - d) Mouth
- 37) What part of a snake is a small opening behind the tongue that opens into a windpipe?

- a) Venom gland
 - b) Glottis
 - c) Tongue sheath
 - d) Movable maxillary
- 38) Which of the following is a body part that a snake lacks?
- a) Teeth
 - b) Nostrils
 - c) Ribs
 - d) A diaphragm
- 39) Which other member of the phylum Chordata is a Tiger's respiratory system most similar to?
- a) Snake
 - b) Human
 - c) Shark
 - d) None are correct
- 40) Which of the following body parts is NOT involved in a Tiger's respiratory system?
- a) Lungs
 - b) Nose
 - c) Glottis
 - d) Trachea
- 41) The Lung Fluke has a respiratory system
- a) True
 - b) False
- 42) What disease is the Lung Fluke infection similar to?
- a) Down Syndrome
 - b) Tuberculosis
 - c) Gastroenteritis
 - d) Colitis
- 43) Why is the Flat Worm microscopic?
- a) It lacks respiratory organs
 - b) It shrinks right after it is born
 - c) a and b
 - d) None are correct
- 44) Tape Worms do not have respiratory systems
- a) True
 - b) False

- 45) Round Worms use diffusion to get oxygen into their body
- a) True
 - b) False
- 46) What kind of climate do Round Worms live in?
- a) Warm climate
 - b) Cool climate
 - c) Every climate
 - d) None are correct
- 47) An Earthworm breathes through which part of its body?
- a) Nose
 - b) Mouth
 - c) Skin
 - d) None are correct
- 48) Which of the following is correct about the Leech's respiratory system?
- a) Carbon Dioxide is taken in and oxygen is released
 - b) Oxygen is taken in and carbon dioxide is released
 - c) Only oxygen is taken in
 - d) Only carbon dioxide is taken it
- 49) Which animal is NOT part of the phylum Chordata?
- a) Tiger
 - b) Human
 - c) Shark
 - d) None are correct
- 50) About how many species does the phylum Arthropoda contain?
- a) 100,000
 - b) 500,000
 - c) 900,000
 - d) Well over 1 million