

Science Form 3, Chapter 3: Transportation

Total questions: 15

Worksheet time: 6mins

Name Class Date

1. * The process of exchange of substances needed by cells and waste products occurs at suitable rate and comprehensively.

*Have no specialised transport system.

These are the characteristics of:

- | | |
|-------------------------|----------------------|
| a) Complex organism | b) Simple organism |
| c) Complicated organism | d) Singular organism |

2. Tick the CORRECT Importance of The Function of Transport System in Organisms.

- | | |
|--|--|
| a) Transport substances needed by cells such as oxygen and nutrients to produce energy through cellular respiration. | b) Eliminates toxic waste products from the cells such as carbon dioxide and urea. |
| c) Transport substances needed by plant cells such as carbon dioxide and water to carry out photosynthesis. | d) Transport the products of photosynthesis such as sucrose and carbon dioxide from the leaves to the other parts of the plants. |

3. Type of blood circulatory system in fish is:

- | | |
|---------------------------------------|---|
| a) Double blood circulatory system | b) Incomplete double circulatory system |
| c) Complete double circulatory system | d) Single blood circulatory system |

4. Type of blood circulatory system in amphibians is:

- | | |
|---------------------------------------|---|
| a) Double blood circulatory system | b) Incomplete double circulatory system |
| c) Complete double circulatory system | d) Single blood circulatory system |

5. Type of blood circulatory system in reptiles is:

- | | |
|---------------------------------------|---|
| a) Double blood circulatory system | b) Incomplete double circulatory system |
| c) Complete double circulatory system | d) Single blood circulatory system |

6. Type of blood circulatory system in mammals and birds is:
- a) Double blood circulatory system
 - b) Incomplete double circulatory system
 - c) Complete double circulatory system
 - d) Single blood circulatory system
7. For mammals and birds, the component of heart consists of:
- a) one atrium and one ventricle
 - b) two atria and one ventricle
 - c) two atria and two ventricles
 - d) two atria and three ventricles
8. Human Heart has
- a) one chamber
 - b) two chambers
 - c) three chambers
 - d) four chambers
9. Human Heart has
- a) one valves
 - b) two valves
 - c) three valves
 - d) four valves
10. Human Heart has
- a) one blood vessels
 - b) two blood vessels
 - c) three blood vessels
 - d) four blood vessels
11. Pulmonary vein carries _____ from the lungs to the heart.
- a) oxygenated blood
 - b) deoxygenated blood
12. Tick the CORRECT statement(s) about capillary:
- a) Wall is one cell thick
 - b) Without any muscle or elastic tissue for exchange of substances
 - c) have the largest lumen and with valves
 - d) slow circulation of blood and no pulse

13. Tick the CORRECT characteristic(s) of artery:
- a) Thick and muscular wall with a lot of elastic tissues to withstand high blood pressure
 - b) Small lumen and no valve
 - c) Transport deoxygenated blood from the heart to the whole body, except the lungs
 - d) Rapid blood flow under high blood pressure
 - e) Has pulse
14. Which are the components of Human Blood?
- a) Red blood vessel
 - b) White blood vessel
 - c) Platelet
 - d) Blood vessel
15. What are the two circulatory systems in human?
- a) Pulmonary Circulatory System
 - b) Paramater Circulatory System
 - c) Systonic Circulatory System
 - d) Systemic Circulatory System