

**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