

## **SBI3U Internal Systems Quiz#2: THE RESPIRATORY SYSTEM**

Name: \_\_\_\_\_

Total = 30 marks

1. What is the function of the respiratory system? (2 marks)
2. Briefly describe the gas exchange system of the following organisms: (4 marks)
  - a) amoeba
  - b) earthworm
  - c) fish
  - d) frog
3. Make a flow chart to show the path of one molecule of oxygen from the point of entrance into the body until it reaches the muscle cell in your leg. (4 marks)
4. What are three properties of a gas exchange surface to allow them to be efficient? (3 marks)
5. What is the function of: (5 marks)
  - a) epiglottis
  - b) cilia
  - c) diaphragm
  - d) alveoli
6. Make a flow chart to show how we inhale? (4 marks)
7. Label the following diagram. (15 marks)

## ACTIVITY – Label the Respiratory System

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Block: \_\_\_\_\_

Label the diagram of the respiratory system below with the following parts, then colour your diagram.

left bronchus  
nose  
right bronchus

trachea  
alveoli  
larynx (voice box)

mouth  
right lung  
bronchiole

pharynx (throat)  
left lung  
nasal cavity

diaphragm  
oral cavity  
epiglottis

