



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

## WORK SHEET – 17

Class: IX

Sub: LIFE SCIENCE

Date: 25.04.2020

Topic: Vital organs : Lungs,Heart, Spleen and Kidneys

F.M. : 15

**Choose the correct option:**

**(1x15=15)**

- Lungs are protected by:  
a) Ribs b) Sternum c) Vertebral column d) All of these
- Lungs are present in:  
a) Thoracic cavity b) abdominal cavity c) Neither thoracic cavity nor abdominal cavity d) Both thoracic cavity and abdominal cavity
- The ..... cartilage present in trachea which protects it from collapsing when air is not present :  
a) C - shaped b) cricoid cartilage c) Both c – shaped cartilage and cricoids cartilage d) oval cartilage
- The sequence of division of respiratory tracts :  
a) Bronchus, trachea and bronchioles b) Trachea, bronchus and bronchioles c) bronchioles, bronchus and trachea d) bronchioles to bronchus
- The organ which is located in abdominal cavity:  
a) heart b) lungs c) brain d) kidneys
- Pulmonary circuit includes blood circulation that :  
a) Occurs between heart and different parts b) occurs between heart and lung c) occurs between heart and other parts of the body d) Both (a) and (b)
- Double walled sac like which protects the heart is called:  
a) Pericardium b) meninges c) pleura d) none of these
- The largest lymph gland is :  
a) Tonsils b) spleen c) thymus d) Both (a) and (b)
- Spleen is known as the :  
a) Producer of RBCs b) Producer of WBCs c) Graveyard of RBCs d) Both (b) and (c)
- The life span of an RBC is :  
a) 2 weeks b) 5-7 days c) 120 days d) none of these

11. The single bean shaped vascular gland is:  
a) heart b) stomach c) kidneys d) spleen
12. The dome shaped structure separating the heart and lungs from the abdominal cavity:  
a) pleura b) diaphragm c) pericardium d) all of these
13. Each lung has about ..... alveoli:  
a) 350 million b) 200 million c) 100 million d) 400 million
14. Hormone produced by kidneys :  
a) Rennin b) Erythropoietin c) Both (a) and (b) d) Renin
15. The hormone which is responsible for regulation of blood pressure:  
a) rennin b) renin c) both rennin and rennin d) erythropoietin

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