



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

WORK SHEET – 17 (SOLUTIONS)

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
Answer : All of these (d)
- Lungs are present in:
a) Thoracic cavity b) abdominal cavity c) Neither thoracic cavity nor abdominal cavity d) Both thoracic cavity and abdominal cavity
Answer : thoracic cavity (a)
- 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
Answer : C - shaped (a)
- 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
Answer : Trachea,bronchus and bronchioles (b)
- The organ which is located in abdominal cavity:
a) heart b) lungs c) brain d) kidneys
Answer: kidneys (d)
- 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)
Answer : occurs between heart and lungs (b)
- Double walled sac like which protects the heart is called:
a) Pericardium b) meninges c) pleura d) none of these
Answer : Pericardium (a)

8. The largest lymph gland is :
a) Tonsils b) spleen c) thymus d) Both (a) and (b)
Answer : Spleen (b)
9. Spleen is known as the :
a) Producer of RBCs b) Producer of WBCs c) Graveyard of RBCs d) Both (b) and (c)
Answer : Graveyard of RBCs (c)
10. The life span of an RBC is :
a) 2 weeks b) 5-7 days c) 120 days d) none of these
Answer : 120 days (c)
11. The single bean shaped vascular gland is:
a) heart b) stomach c) kidneys d) spleen
Answer : Spleen (d)
12. The dome shaped structure separating the heart and lungs from the abdominal cavity:
a) pleura b) diaphragm c) pericardium d) all of these
Answer : diaphragm (b)
13. Each lung has about alveoli:
a) 350 million b) 200 million c) 100 million d) 400 million
Answer : 350 million (a)
14. Hormone produced by kidneys :
a) Rennin b) Erythropoietin c) Both (a) and (b) d) Renin
Answer : Both (a) and (b) (c)
15. The hormone which is responsible for regulation of blood pressure:
a) rennin b) renin c) both rennin and rennin d) erythropoietin
Answer: rennin (a)

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