ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

SOLUTIONS – 30

Class: IX Sub: LIFE SCIENCE Date: 26.06.2020

Topic: Ch 2 (part 14)Vital organs : Lungs,Heart, Spleen and Kidneys F.M. : 15

Choose the correct option: (1x15=15)

1. Lungs are protected by:
   a) Ribs b) Sternum c) Vertebral column d) All of these
2. Lungs are present in:
   a) Thoracic cavity b) abdominal cavity c) Neither thoracic cavity nor abdominal cavity d) Both thoracic cavity and abdominal cavity
3. 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
4. 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
5. The organ which is located in abdominal cavity:
   a) heart b) lungs c) brain d) kidneys
6. 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)
7. Double walled sac like which protects the heart is called:
   a) Pericardium b) meninges c) pleura d) none of these
8. The largest lymph gland is :
   a) Tonsils b) spleen c) thymus d) Both (a) and (b)
9. Spleen is known as the :
   a) Producer of RBCs b) Producer of WBCs c) Graveyard of RBCsd) Both (b) and (c)
10. 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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