MRAD 256 – Worksheet - Chest – ANSWER KEY

1. What is the definition of thoracic viscera? Lungs and organs contained within the mediastinum

2. What is another name for the sternum? Breast bone

3. The sternum is divided into 3 portions:_____manubrium, Body and xiphoid

4. What is the only joint that connects the upper body to the bony thorax? sternoclavicular

5. What is the name of the central area of each lung, where the bronchi, blood vessels, lymph vessels and nerves enter and leave the lungs?

hilum

6. What are 3 reasons a chest xray should be done upright when possible?

Diaphragm can move further down, air fluid levels better visualized, engorgement and hyperemia of pulmonary vessels may be prevented

7. Upon full inspiration, will the diaphragm be more superior or inferior? inferior

8. What is the point of bifurcation of the trachea into the right or left bronchi called?

carina

9. Why would it be necessary to take a PA expiration chest xray?

Demonstrate pneumothorax, foreign body or atelectasis

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10. What term describes bleeding into the thoracic cavity? hemothorax

11. How many ribs should be demonstrated on a PA inspiration projection? 10 above diaphragm

12. The_____vertebral prominens_is palpated by applying light pressure to the base of the neck and corresponds to the level of___C7_.

13. The_____jugular notch____is a deep notch or depression on the superior portion of the sternum.

14. The trachea is located in the_____midline_ of the body._____anterior_ to the esophagus.

15. Typically the trachea begins at the level of___C6 and ends at the level of _____T4-5_.

16. Which primary bronchus is shorter, wider and more vertical? right

17. Each half of the diaphragm is called a_____hemidiaphragm_____.

18. The inner membrane of the pleura is called the___visceral____and the outer layer is called the_____parietal_____.

19. What is the potential space between the doubled walled pleura called? Pleural cavity

20. What term refers to fluid or blood in this space called? Pleural effusion

21. What term refers to air in this cavity? Pneumothorax

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22. Name the structures of the mediastinum:

Thymus gland, heart and great vessels, trachea, esophagus