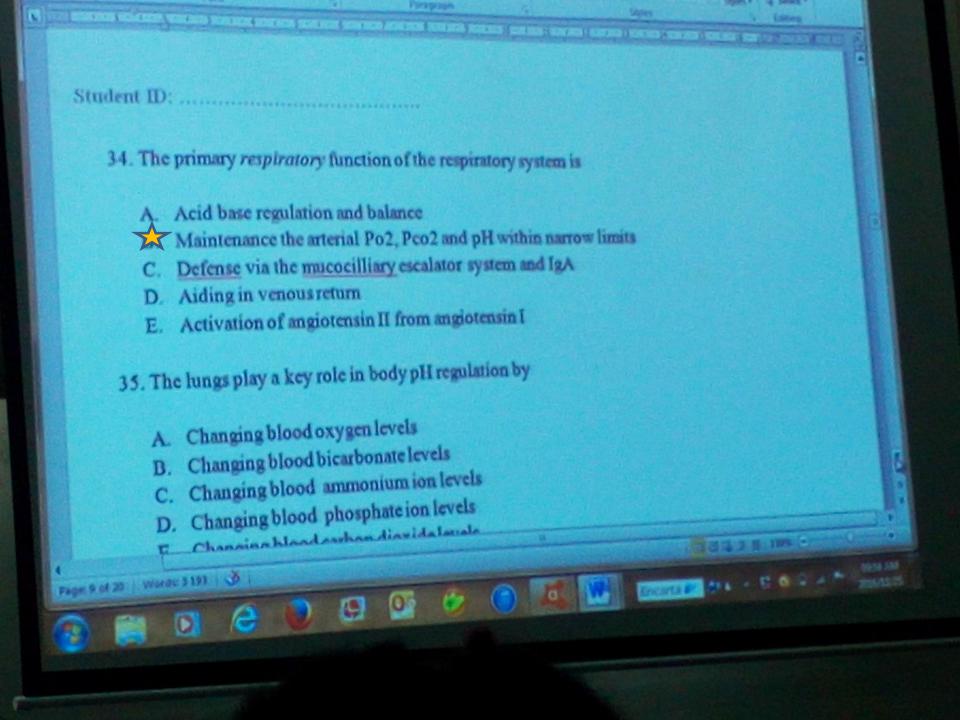
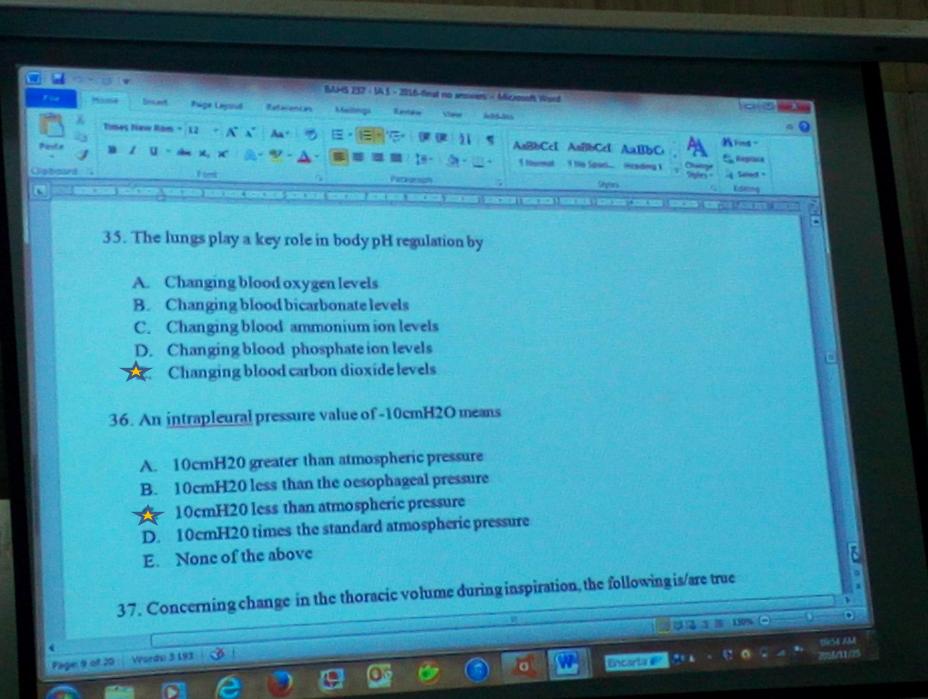


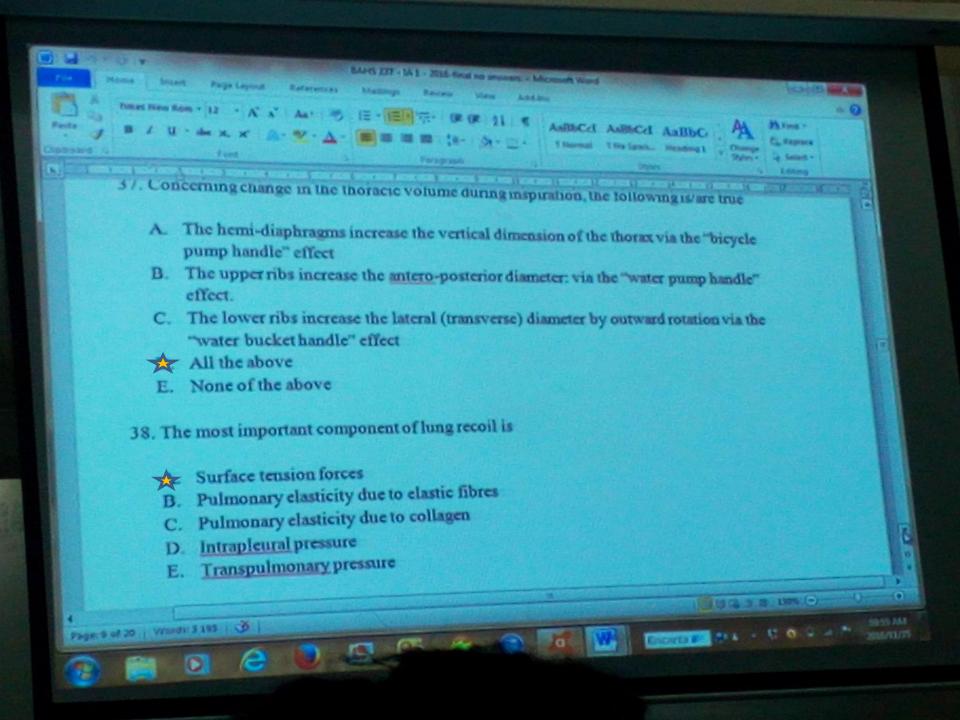
- B. Canalicular stage
- C. Vascularization of mesoderm and the thinning of the respiratory bronchiole stage
- D. Pseudoglandular stage
- Appearance of the bronchial bud and the bronchopulmonary segment stage (embryonic stage)
- 33. The superior vena cava empties its contents into the right atrium of the heart. Which of the following correctly describes the formation of the superior vena cava?
 - Union of the left and right internal jugular veins Union of the left and right brachiocephalic trunk Union of the left and right pulmonary veins
 - D. Union of the left and right subclavian veins
 - E. Union of the right internal jugular vein and the left subclavian vein.

BURIE DE C

Market Branch Contract







Student ID;

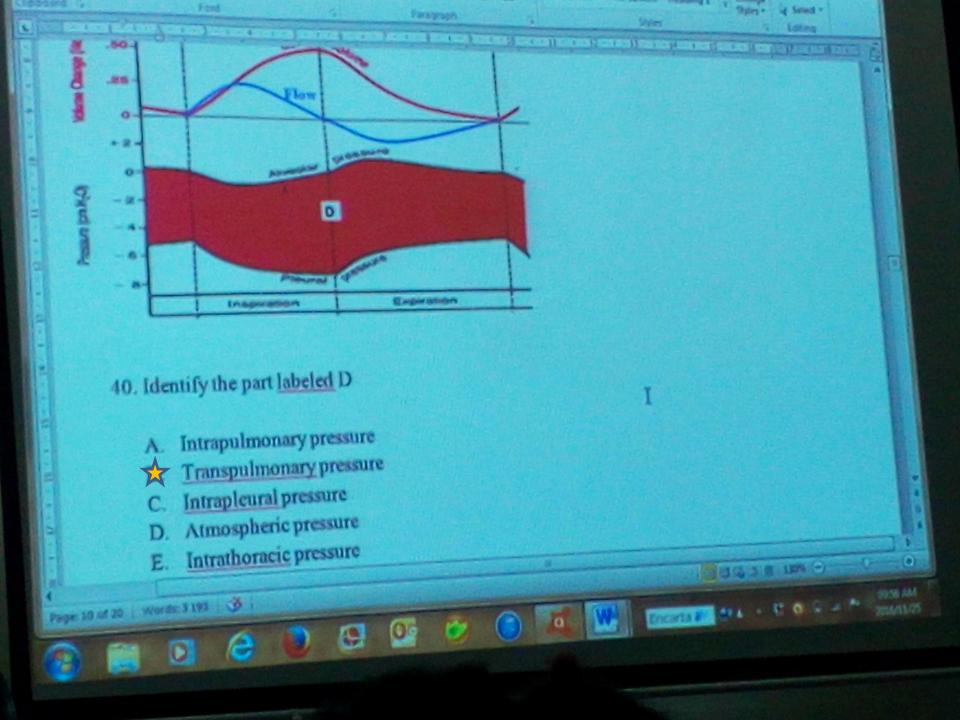
- 39. Which of the following lung volumes or capacities cannot be measured by spirometry?
 - A. Tidal volume
 - B. Inspiratory reserve volume
 - C. Vital capacity
 - Total lung capacity
 - E. Expiratory reserve volume

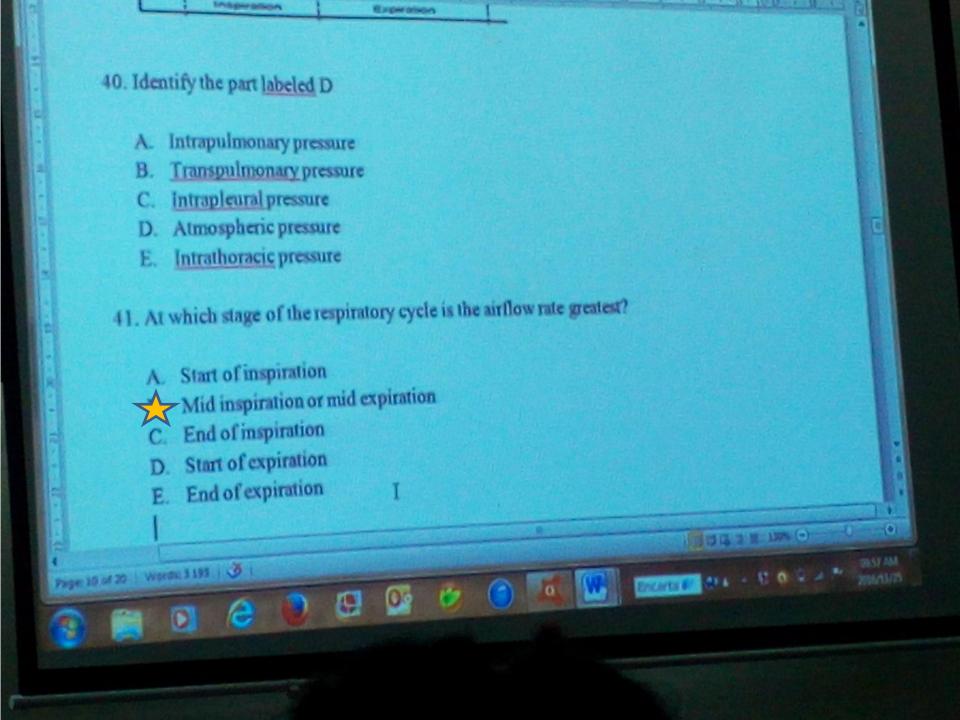
Use the information below to answer the next five questions

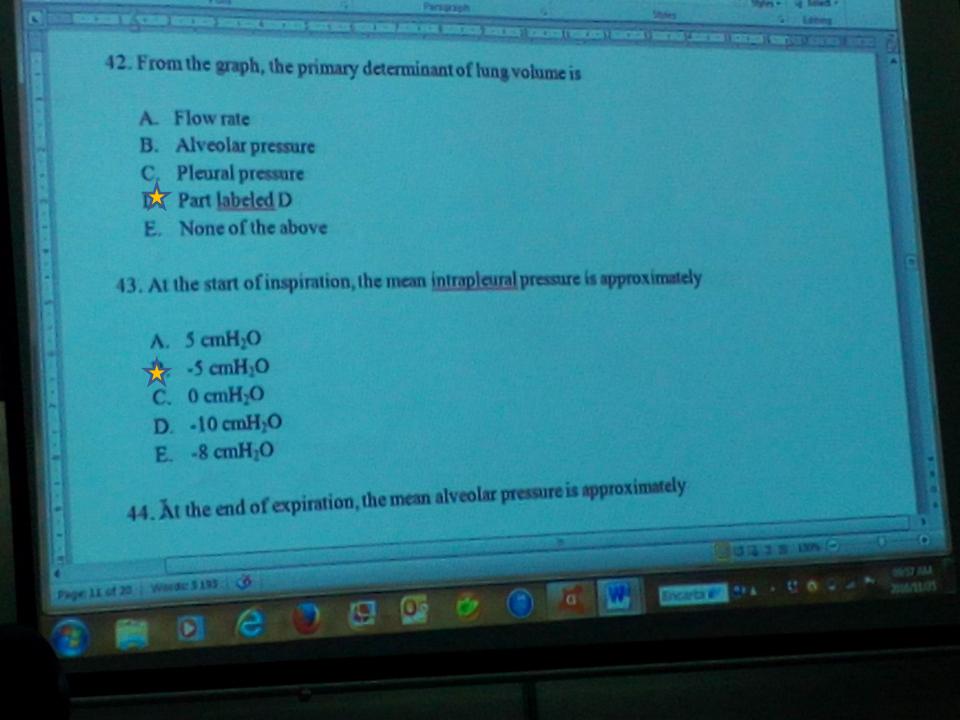
The diagram below shows the changes in pulmonary pressures and their effects on lung volumes

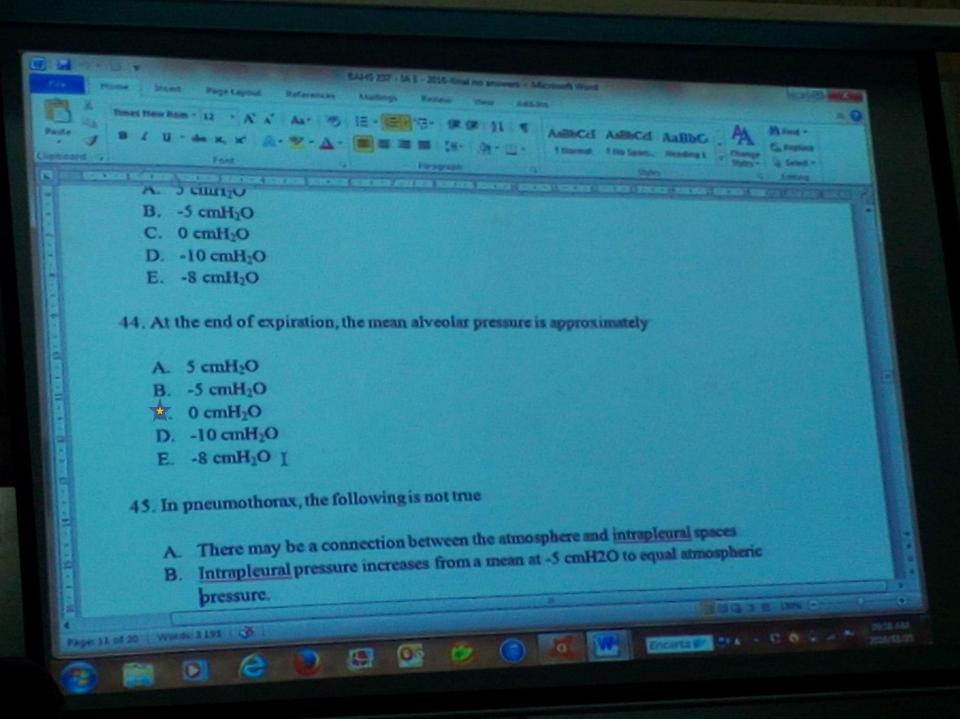
and airflow rate.

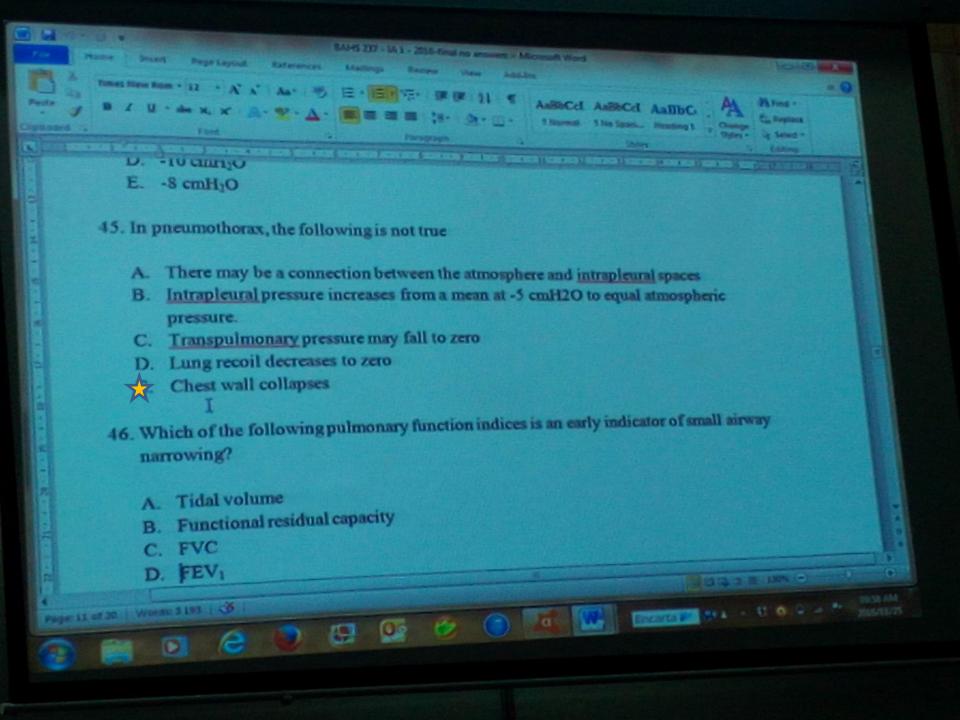


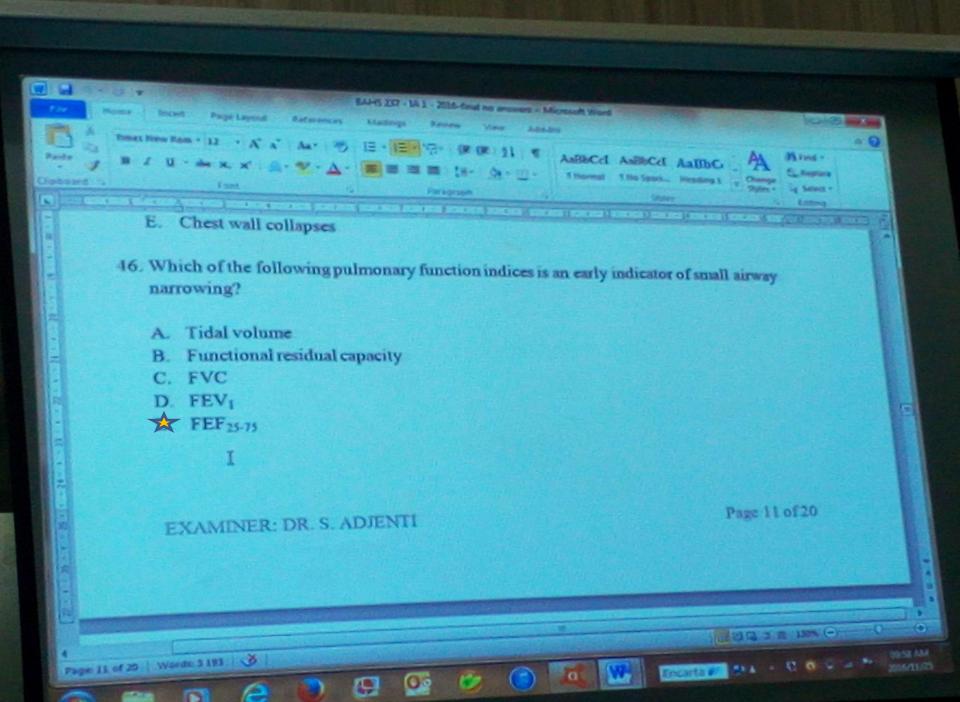


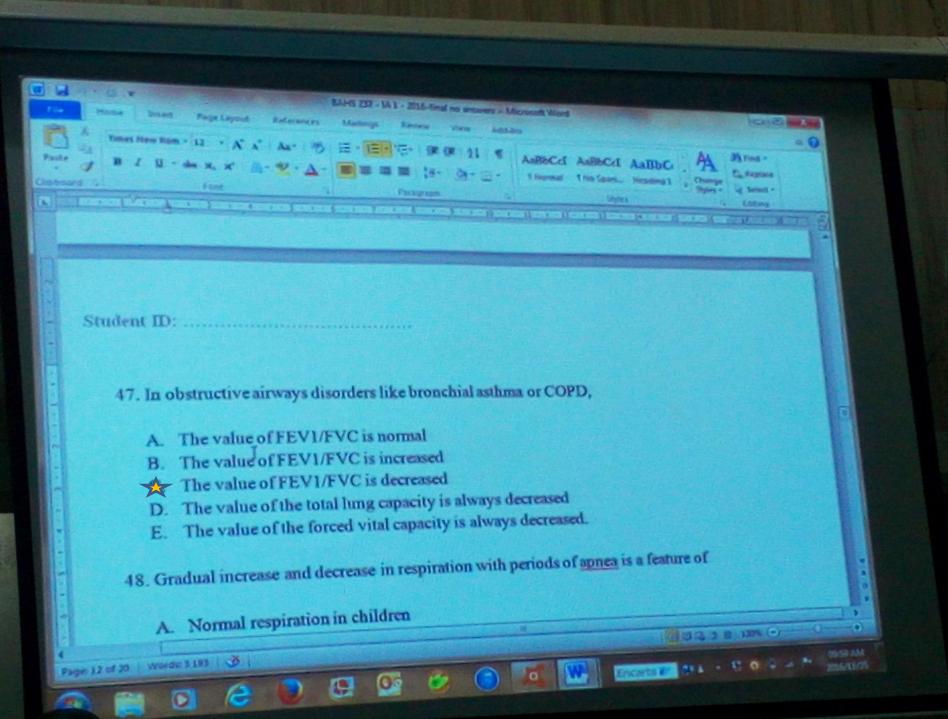


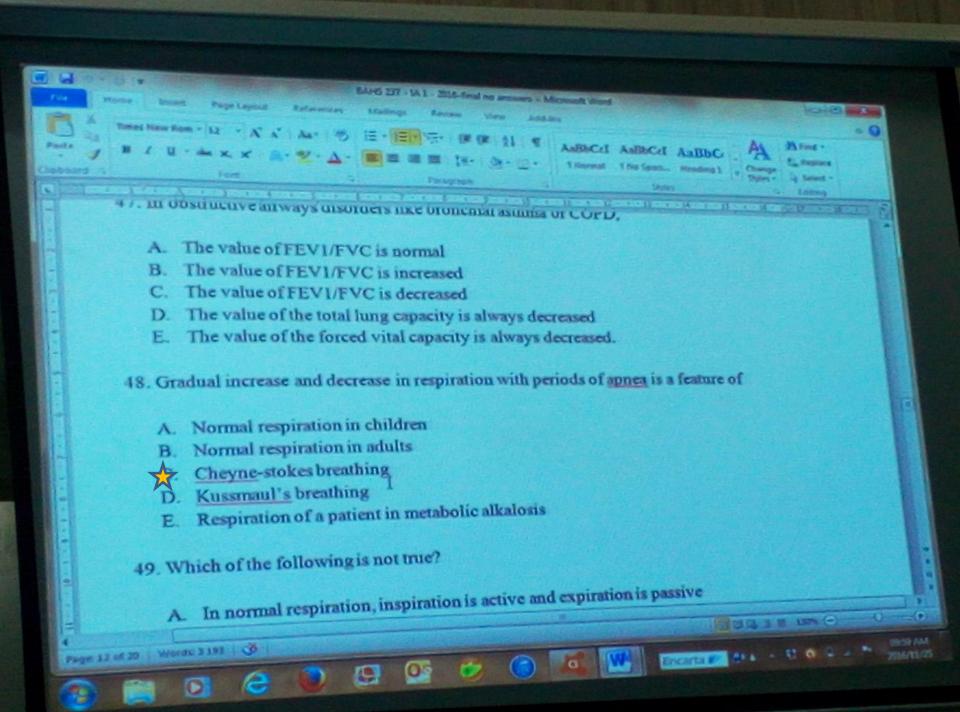


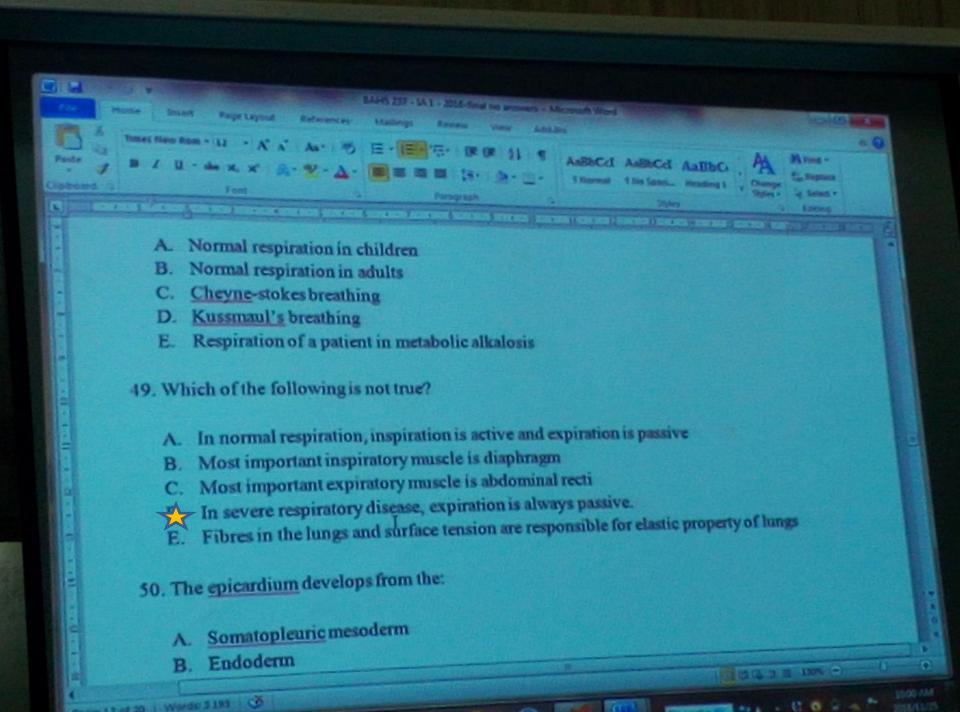


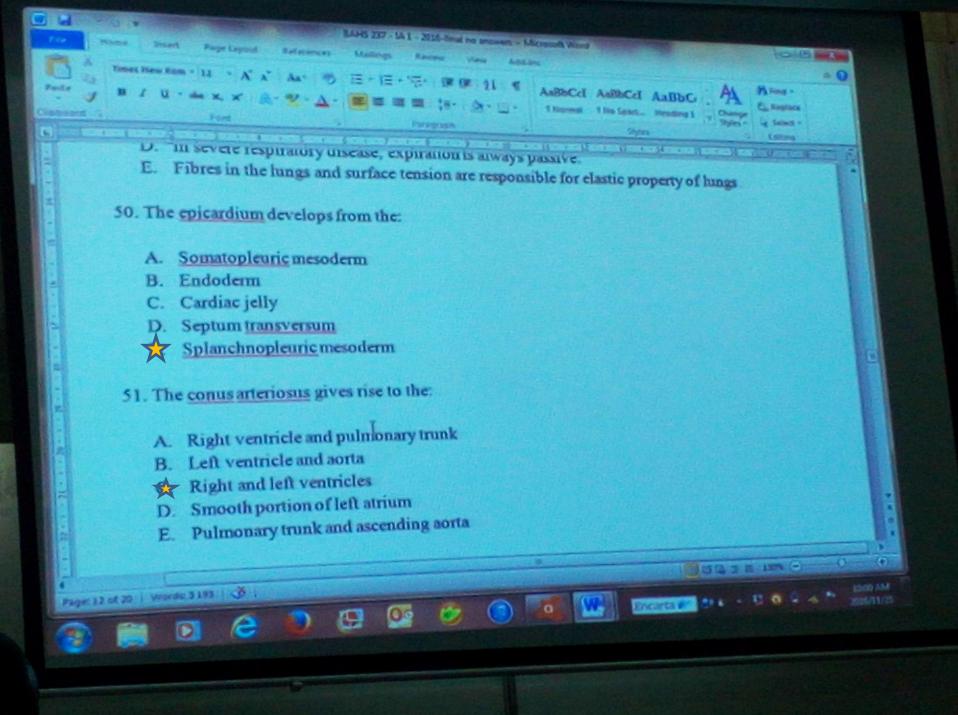


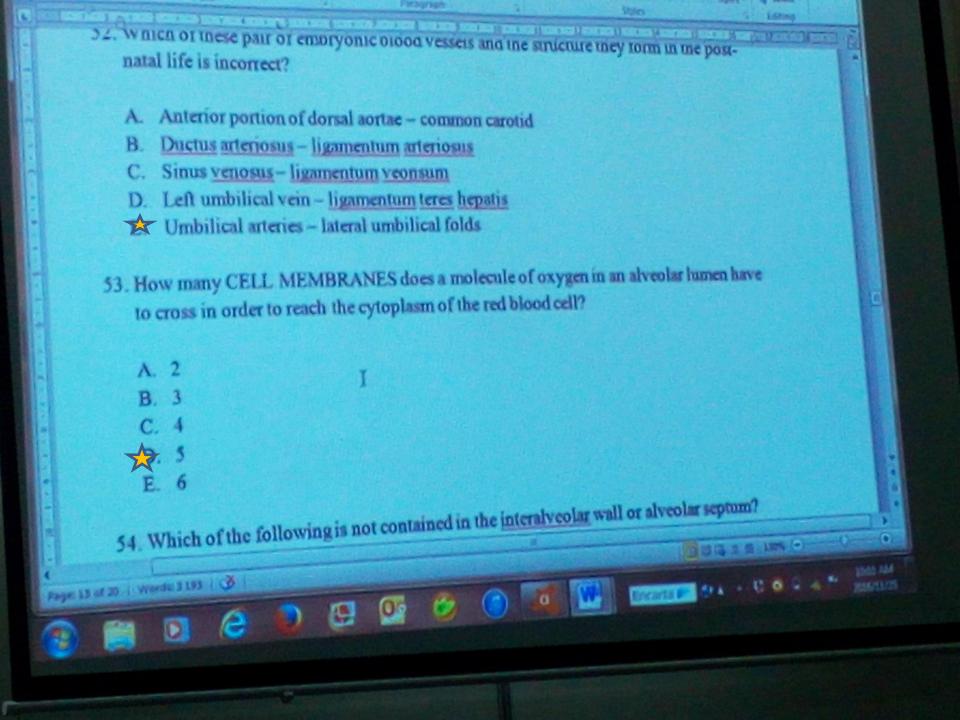


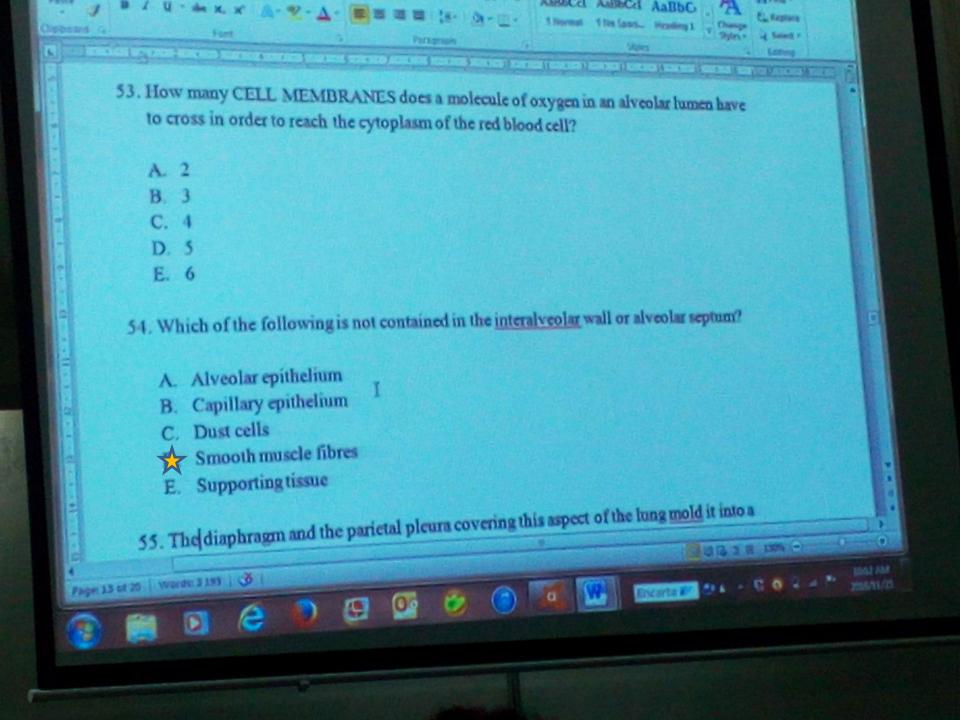


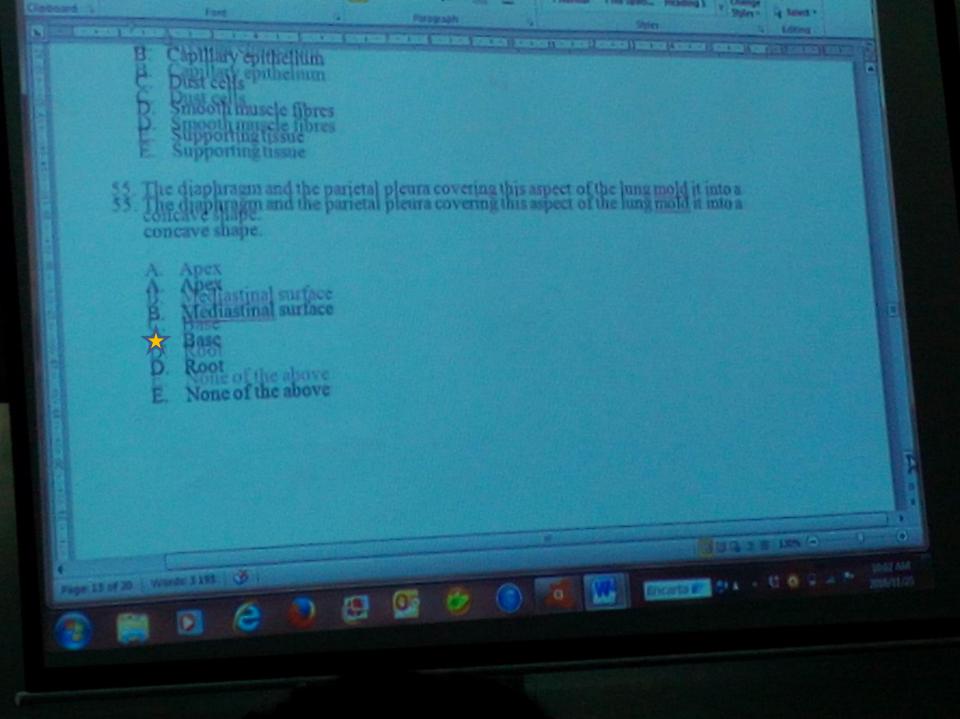


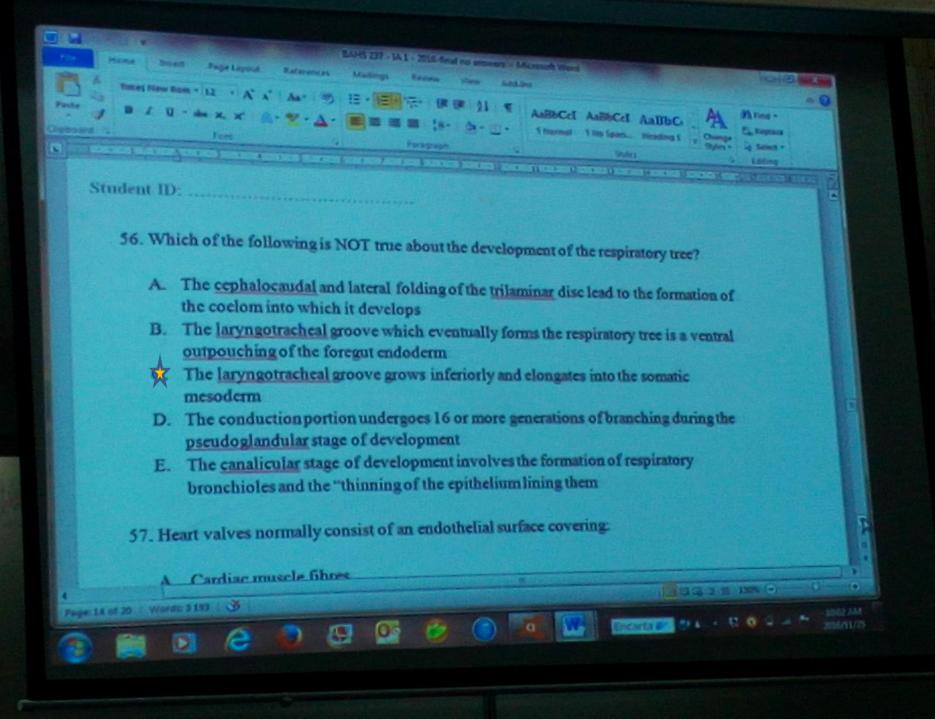


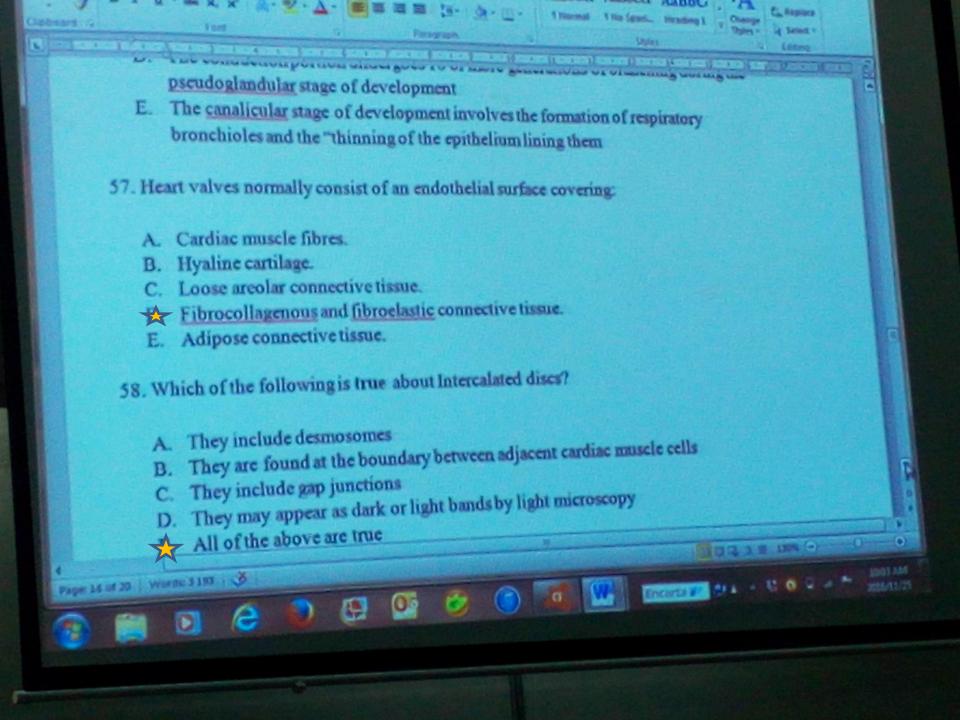


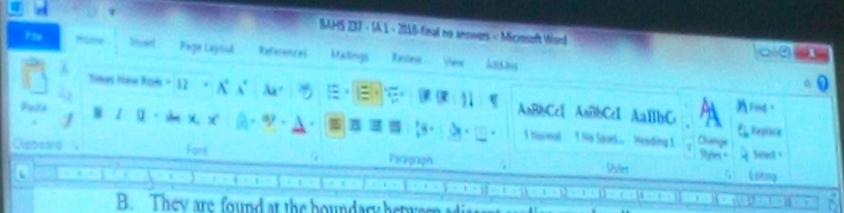












- They are found at the boundary between adjacent cardiac muscle cells
- They include gap junctions
- They may appear as dark or light bands by light microscopy
- All of the above are true
- 59. Which cell junction, located at intercalated disks, is responsible for electrical communication between cardiac muscle cells?
 - Macula adherens.
 - Zonula adherens.
 - Zonula occludens.
 - Desmosome.

