

# RS- Physiology

Archive

Lecture 3

Collected By :

Mohammad Mousa

Edited by :

Bashar Ayasrah

1- Which of the following matched pairs regarding pulmonary vascular resistance (PVR) is incorrect? A) Decreased lung volume below normal breathing - Decreased PVR B) Increased venous or arterial pulmonary pressure - Increased PVR C) Distension of capillary vessels - Decreased PVR

Answer: A

(Explanation: Decreased lung volume below normal breathing actually increases PVR due to the compression of extra-alveolar vessels, which leads to higher resistance.)

2- The average pulmonary capillary pressure is:

A) 7 mmHg B) 25 mmHg C) 40 mmHg D) 15 mmHg

Answer: A

3- mean pulmonary arterial pressure is

- 5  
- 10  
15  
20 -

answer: 15

4- One is incorrect regard Regulation of Pulmonary Blood Flow

A- Overall regulation of the PBF during exercise

B- normally equals the cardiac output

C- Local hypoxia and accumulation of CO<sub>2</sub> will lead to VD

answer: c