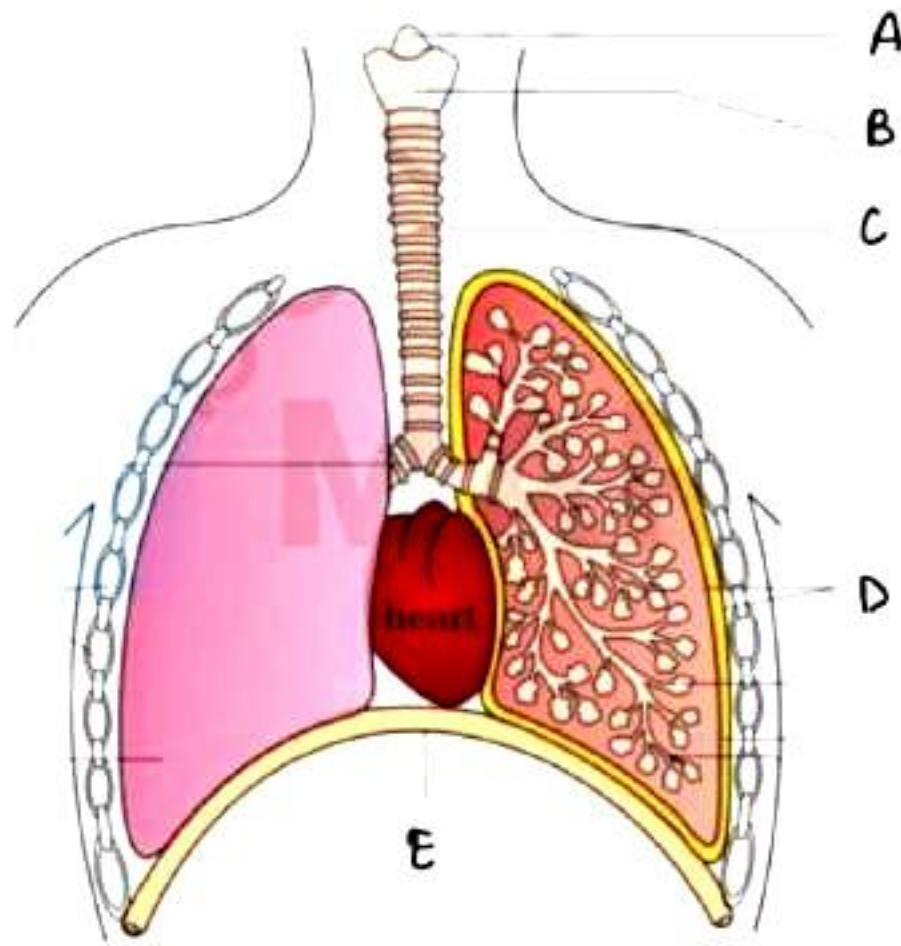


Breathing and Exchange of Gases

Set – 1

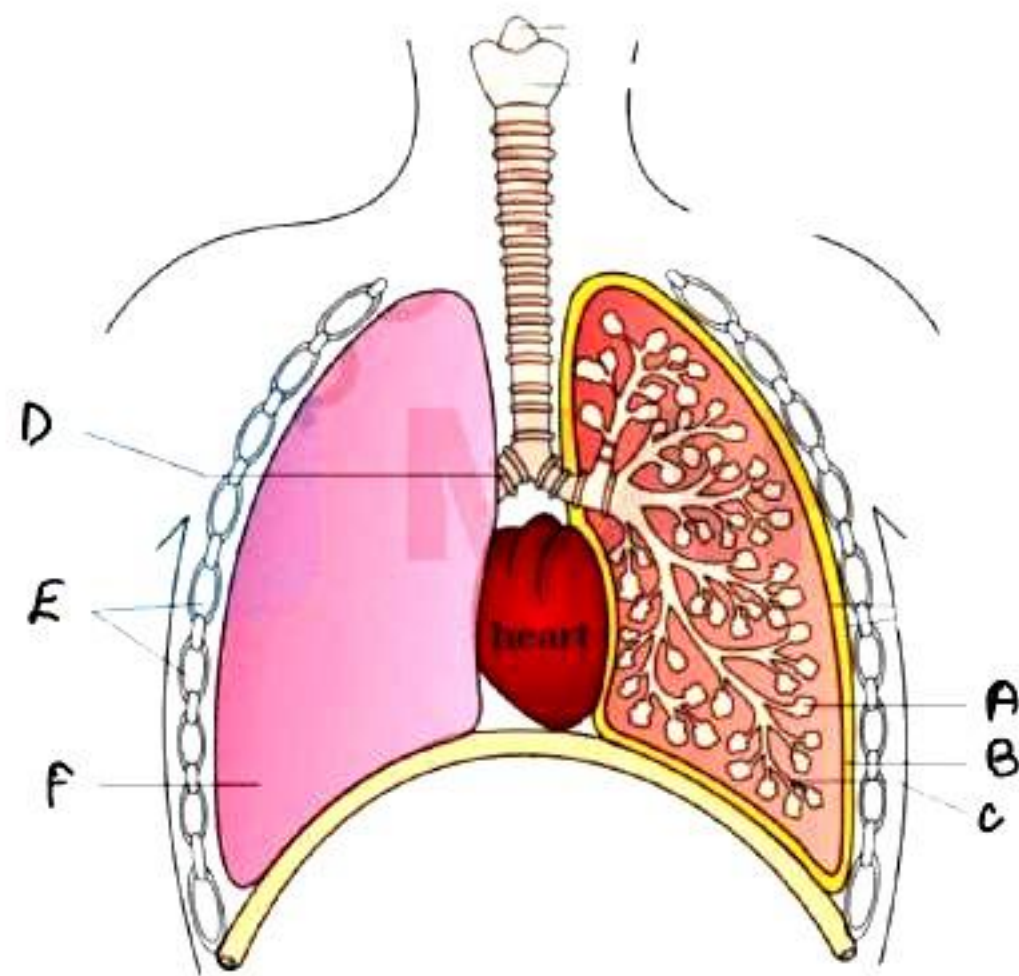
Q1. Select A, B, C and D and E respectively



- A. Epiglottis, larynx, Trachea, Pleural Fluid, Diaphragm
- B. Epiglottis, larynx, Trachea, Pleural membrane, Diaphragm
- C. Larynx, Trachea, Epiglottis, Pleural membrane, Diaphragm
- D. Larynx, Epiglottis, Trachea, Pleural Fluid, Diaphragm

Ans. (B)

Q2. Select A, B, C and D and E and F respectively



- A. Alveoli, Pleural Fluid, Bronchus, Bronchioles, Cut end of rib, Lungs
- B. Alveoli, Pleural Fluid, Bronchus, Bronchioles, Ribs, Lungs
- C. Alveoli, Pleural Fluid, Bronchiole, Bronchi, Cut end of rib, Lungs
- D. Alveoli, Pleural Membrane, Bronchus, Bronchioles, Cut end of rib, Lungs

Ans. (C)



Q3. What are the values of a, b, c, d and e in mm Hg?

Respiratory Gas	Atmospheric Air	Alveoli	Blood (Deoxygenated)	Blood (Oxygenated)	Tissues
O ₂	a		c		e
CO ₂		b		d	

- A. 159, 45, 40, 95, 45
- B. 104, 45, 90, 95, 45
- C. 159, 40, 45, 40, 40
- D. 159, 40, 40, 40, 40

Ans. (D)

Q4. What are the values of a, b, c, d and e in mm Hg?

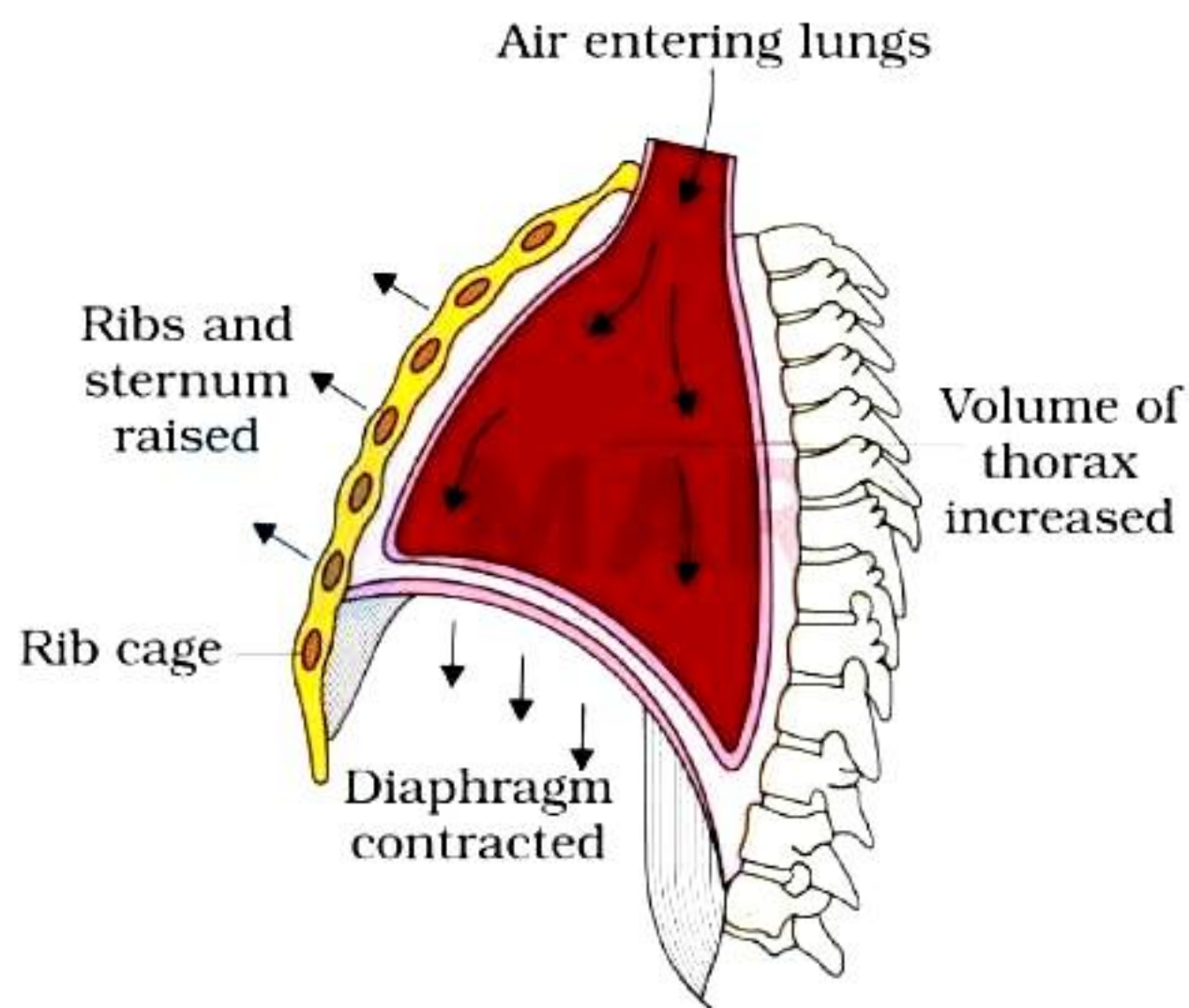
Respiratory Gas	Atmospheric Air	Alveoli	Blood (Deoxygenated)	Blood (Oxygenated)	Tissues
O ₂		b		d	
CO ₂	a		c		e

- A. 104, 45, 90, 95, 45
- B. 0.3, 104, 45, 90, 40
- C. 0.3, 104, 45, 95, 45
- D. 0.3, 104, 45, 95, 40

Ans. (C)

Set – 2

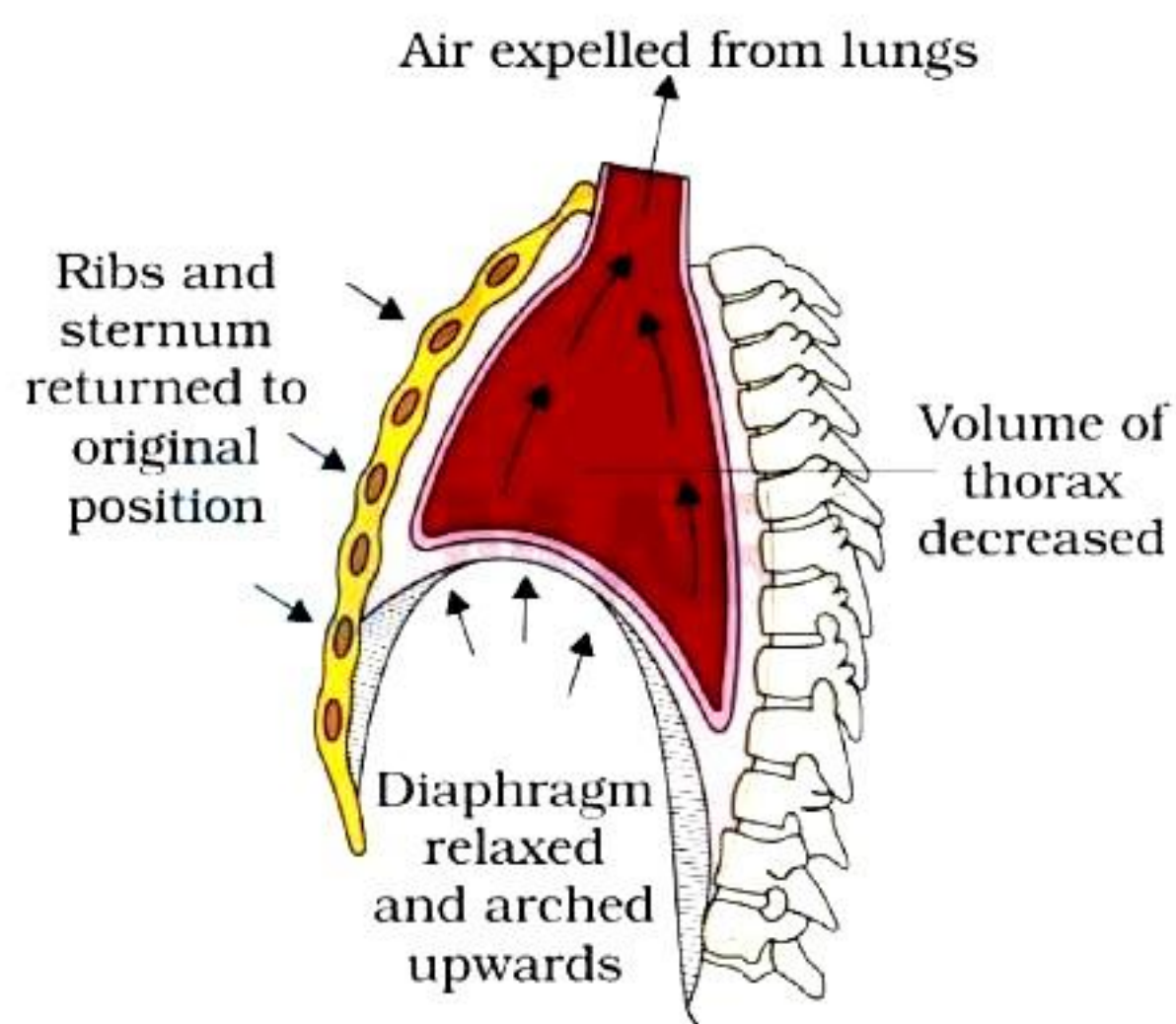
Q1. What does the figure depict?



- A. Inspiration
- B. Expiration
- C. Inhalation
- D. Both A and D

Ans. (D)

Q2. What does the figure depict?

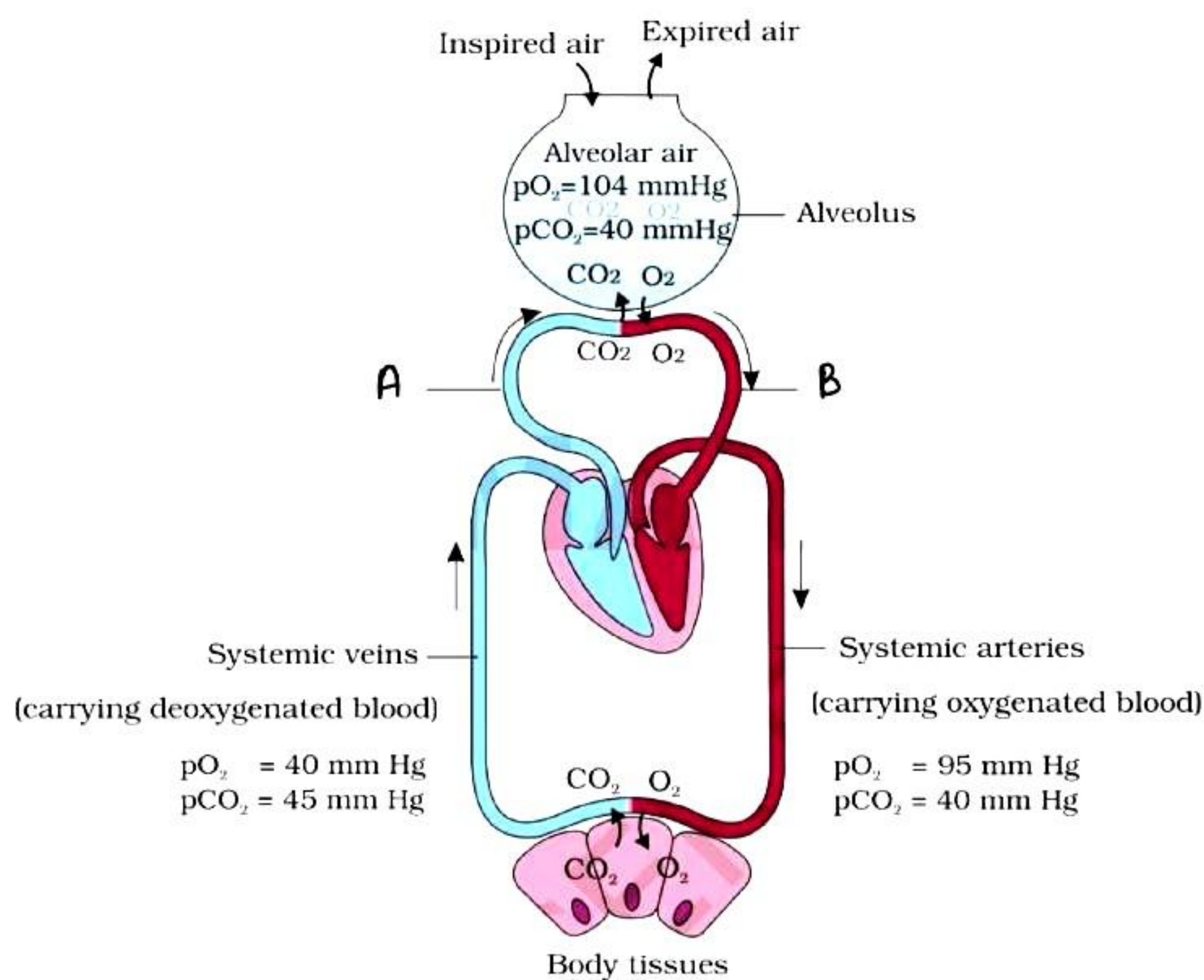


- A. Inspiration
- B. and
- C. Exhalation
- D. Both (2) and (3)

Ans. (D)



Set – 3

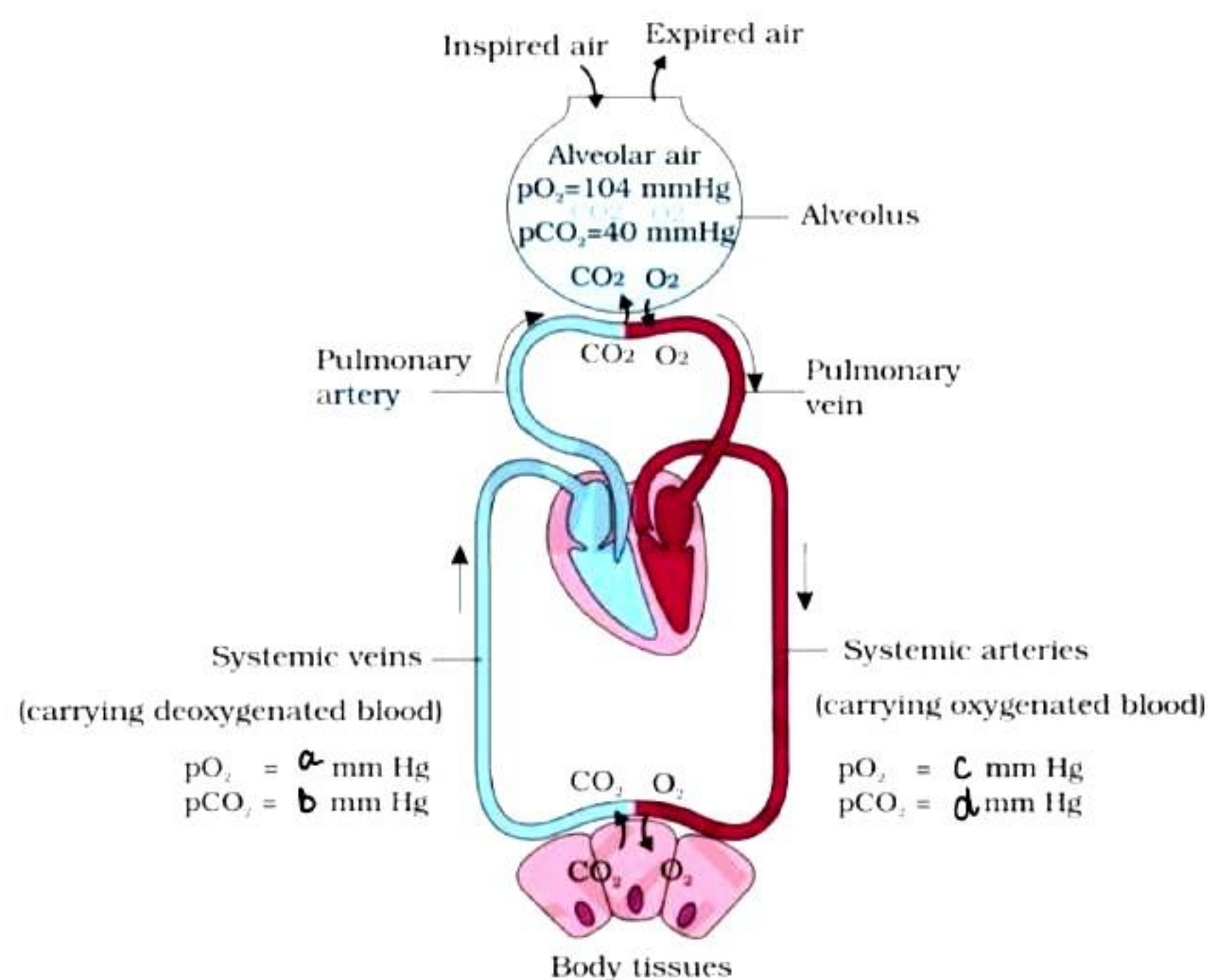


Q1. Identify A and B from the following figure

- A. A and B both are pulmonary veins.
- B. A and B both are pulmonary arteries.
- C. A is Pulmonary Vein and B is Pulmonary Artery.
- D. B is Pulmonary Vein and A is Pulmonary Artery.

Ans. (D)

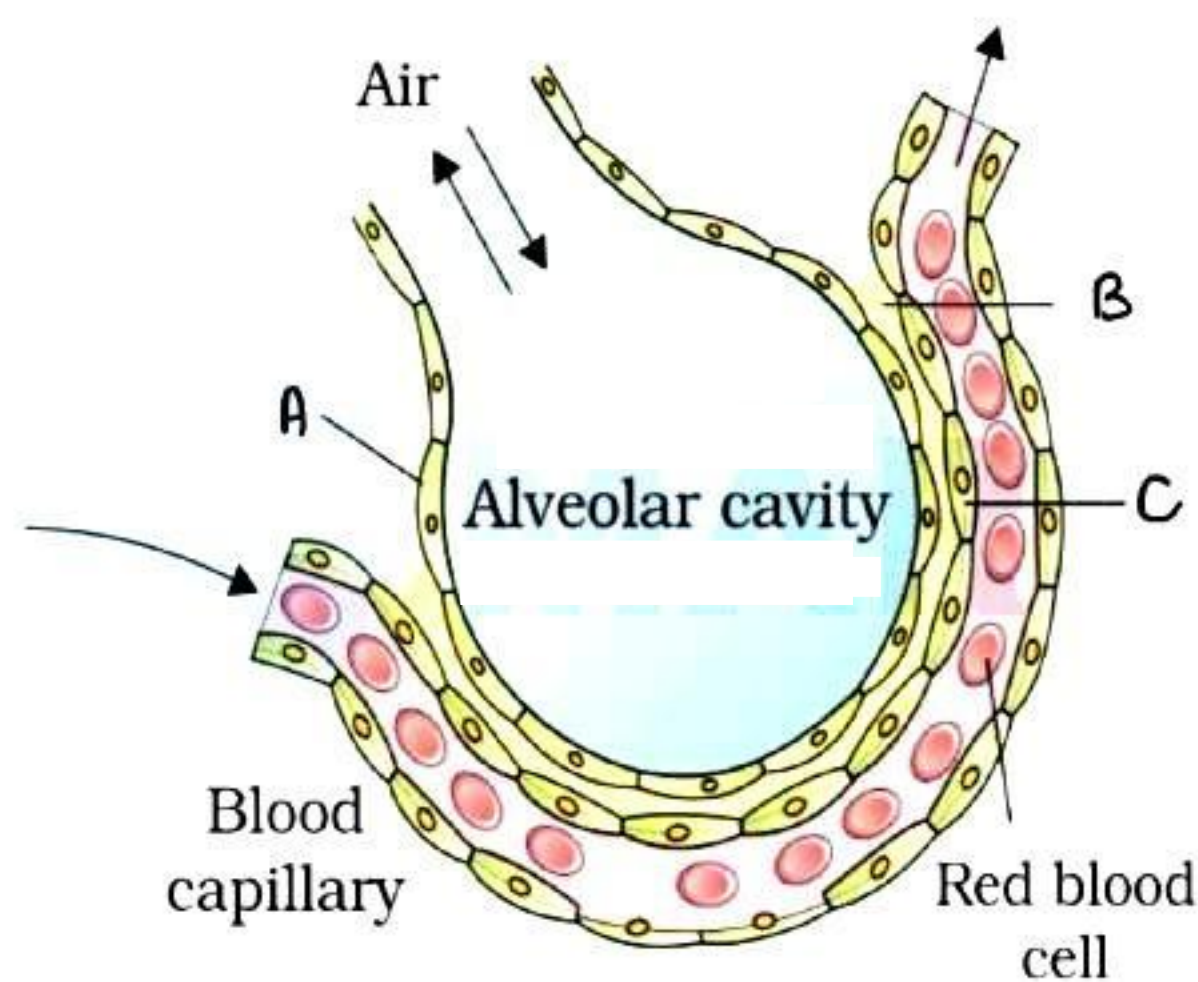
Q2. What are the values of a, b, c and d?



- A. a and d is 45 and b and c is 95
- B. a is 40, b is 45, c is 95 and d is 40
- C. Values of a, b, c and d are all different
- D. a and d is 40, b is 45 and c is 95

Ans. (D)

Set – 4

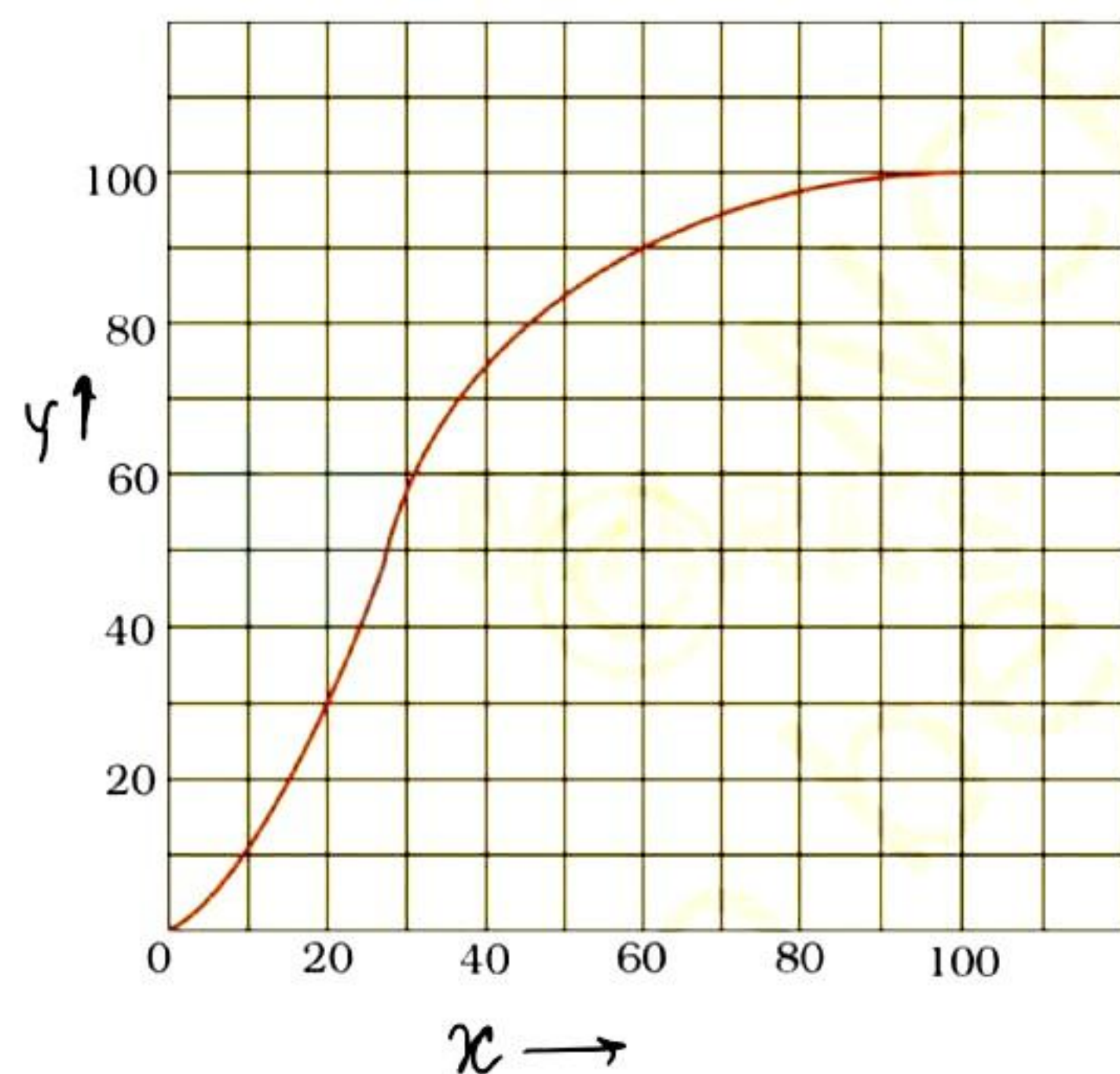


Q1. What is A, B and C in the following diagram?

- A. Basement membrane, Squamous Epithelium, Endothelium
- B. Endothelium, Squamous Epithelium, Basement membrane
- C. Basement membrane, Endothelium, Squamous Epithelium
- D. None of the above

Ans. (D)

Set – 5



Q1. In the following figure, what does Y and X represent?

- A. X is % saturation of haemoglobin with carbon monoxide and Y is Partial pressure of Oxygen
- B. X is % saturation of haemoglobin with oxygen and Y is Partial pressure of carbon dioxide
- C. X is % saturation of haemoglobin with carbon monoxide and Y is Partial pressure of carbon dioxide
- D. X is % saturation of haemoglobin with oxygen and Y is Partial pressure of Oxygen

Ans. (D)

Q2. The figure depicts which kind of curve?

- A. carbon dioxide dissociation curve
- B. carbon dioxide association curve
- C. oxygen dissociation curve
- D. oxygen association curve

Ans. (C)