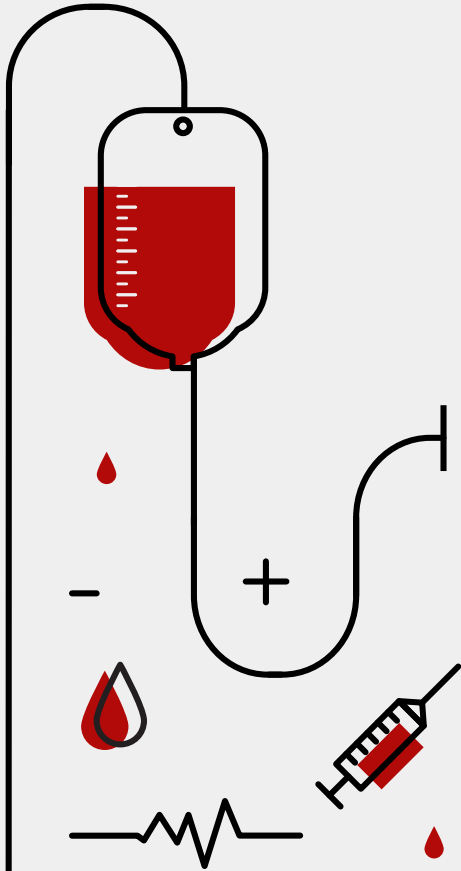


# PLASMA PROTEINS

by

Ayat obeidat





1. What percentage of plasma is composed of water?

- A) 70%
- B) 85%
- C) 90%
- D) 95%

Answer: C) 90%

.2Which plasma protein is primarily responsible for colloid osmotic pressure (OPPP)?

- A) Globulin
- B) Fibrinogen
- C) Albumin
- D) Prothrombin

Answer:\* C) Albumin

.3What is the normal concentration range of albumin in plasma \*?

- A) 0.5 –0.3gm%
- B) 3 –2gm%
- C) 5 –3gm%
- D) 8 –6gm%

Answer: C) 5 –3gm%

**.4Which type of globulin is involved in immunity?**

- A) Alpha
- B) Beta
- C) Gamma
- D) Delta

**\*Answer:\* C) Gamma**

**.5Which function is primarily associated with fibrinogen\*?**

- A) Oxygen transport
- B) Blood viscosity
- C) Immune defense
- D) Buffering action

**Answer: B) Blood viscosity**

**.6What is the approximate value of colloid osmotic pressure (OPPP)\*?**

- A) 10 –5mmHg
- B) 20 –15mmHg
- C) 30 –25mmHg

**\*Answer:\* C) 25–30 mmHg**

— 7 . A red blood cell (RBC) count below 4 million/mm<sup>3</sup> indicates\*:

- A) Polycythemia
- B) Anemia
- C) Leucocytosis
- D) Thrombocytopenia

\*Answer:\* B) Anemia

.8\*Which component is directly involved in hemostasis (stoppage of bleeding)\*?

- A) Erythrocytes
- B) Leukocytes
- C) Platelets
- D) Albumin

\*Answer:\* C) Platelets



9. Thrombocytosis is defined by a platelet count exceeding:

- A)  $3\text{mm}/250,000$
- B)  $3\text{mm}/500,000$
- C)  $3\text{mm}/1,000,000$
- D)  $3\text{mm}/1,500,000$

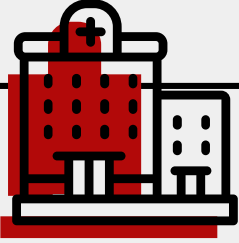
**Answer: B)  $3\text{mm}/500,000$**

10. Plasma proteins prevent the loss of substances like hormones in urine because they\*:

- A) Increase kidney filtration
- B) Are small molecules
- C) Have a large molecular weight (MW)

**Answer: C) Have a large molecular weight (MW)**





**.11\*Plasma proteins contribute to what percentage of the blood's buffering capacity \*?**

- A) 5%
- B) 15%
- C) 25%
- D) 50%

**\*Answer:\* B) 15%**

**.12\*Plasma proteins help regulate capillary permeability by \*:**

- A) Opening capillary pores
- B) Closing capillary pores
- C) Increasing blood flow

**\*Answer:\* B) Closing capillary pores**

.13\*Polycythemia is characterized by an RBC count above \*:

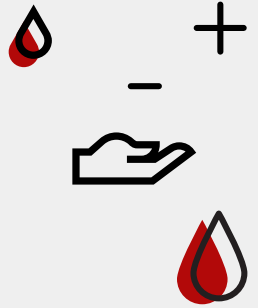
- A) 4 million/mm<sup>3</sup>
- B) 5 million/mm<sup>3</sup>
- C) 6 million/mm<sup>3</sup>

**\*Answer:\* C) 6 million/mm<sup>3</sup>**

14 .During starvation, plasma proteins serve as a \*:

- A) Immune reserve
- B) Diet reserve
- C) Oxygen carrier

**\*Answer:\* B) Diet reserve**



**end**