



2022-2023

Q1/ Write true or false of the following :

(10 Marks)

- 1- Osmosis is the movement of material from medium of high concentration of water to medium of low water concentration.
- 2-A person with AB blood group have antibody's in blood serum thus called universal recipient.
- 3-When R.B.C die Hemoglobin excreted from the body into urinary bladder, And give the feces their yellow brown color.
- 4-Diabetes type 2 was called Insulin Independent.
- 5-Normal Value of blood pressure is approximately 120/80 mm/hg.

Q2/Fill the following blanks:

(10 Marks)

- 1-.....Solution when the surrounding solution has a higher concentration, but.....
Solution when the surrounding solution has lower concentration.
- 2-RH disease of new born may also be called.....and is result ofbetween mother and fetus.
- 3-hemoglobin in new born.....
- 4-factors affected blood pressure.....and.....
- 5-Instrument that used for blood pressure measuring is called

Q3/ Choose the right answer:

(10 Marks)

- 1-how many classes of antigen are there on P.B.C.
a) A&B b) A& Rh c) AB &Rh d) A, B, Rh
- 2-Most people are rhesus positive
a) have RH on RBC b) Have not RH on RBC c) have Rh & A d) Have RH & B

3-In Isotonic solution water move

a) inside the cell b) out cell the cell c) don't move d) move equally

4-hemoglobin can bind to

a) $4O_2$ atom b) CO atom c) $2O_2$ atom d) $6O_2$ atom

5-The arterial blood pressure is directly depended on

a) Amount of blood/minute b) resistance to blood flow c) blood vessels diameter

d) both a & b

Q4/ A person with 175cm & 65kg How much BMI of person.

(10 Marks)

Best wishes

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