

Physiology Tutorial

- 1- Oxygen transport is homeostatic function of blood.
False= **Only transport not homeostatic.**
- 2- RBC count range between 4 -11x10⁶.
False = **4.7-5 x10⁶**
- 3- RBC are short lived cells.
False = **Long lived** [120 days – WBC short lived cells]
- 4- Packed cell volume is 60% of total blood volume.
False = **45%**
- 5- Erythropoiesis is process of RBC formation.
True.
- 6- RBC are formed in bone marrow from first few weeks of pregnancy.
False = **yolk sac.**
- 7- Reticulocytes are present in peripheral circulation in less than 2%.
True.
- 8- Hypoxia stimulate erythropoietin production.
True.

- 9- High level of erythropoietin is associated with heart failure.
True.
- 10- Iron is needed for the formation of polypeptide chain.
False = Heme.
- 11- Folic acid deficiency results in microcytic anemia.
False = Macrocytic.
- 12- Pernicious anemia results from malabsorption of VB12.
True.
- 13- Iron is absorbed in oxidized form.
False= Reduce.
- 14- Iron is transported as transferrin.
True.
- 15- Ilem of HB is broken down to iron and Porphyrin ring.
True.
- 16- Bone marrow destruction resulted in macrocytic anemia.
False = Aplastic anemia.
- 17- RBCs number are lower than normal in secondary polycemia.
False = More than.

18- MCV is less than 65 μm^3 in vB12 deficiency.

False = Iron.

19- PCV is high in dehydration.

True.

20- MCH is the measure of RBC HB content.

True.



*BEST OF LUCK
TEAM PHYSIOLOGY*