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Q1.Hemeostasis?

Ans:Meaning.

Hemeostasis is a Greek word.”Homeo mean same.And ,stasis mean standing.

Homeostasis is refers to the body’s ability to maintain a stable environment(regulating hormones,body temperature, water balance).

Homeostasis is maintain by the bodys responses to advers stimuli,ensuring maintenance of an optimal physiological environment.

.Homeostsis control mechanisms have at least three interdependent component.receptor, integrating center, and effector.

.homeostasis contributes in the evolutionary process.

.Homeostasis the receptor senses enviroment stimuli,sending the information to the integrating center.

.Homeostasis is the state of steady internal,physical,and chemical conditions maintained by living systems.

Q2:Life spain of white blood cells?

ANS:White blood cells:White blood cells(WBCs) is also called *leukocytes.*white blood cells is the cells of immune system that are involved in protecting the body against both of infection disease and foreign particls.

THE life span of white blood cells is 13 to 20 days.after which time they are destroyed in the lymphatic system.

.White blood cells has a neucleus.Larger than red blood cells.And also made in spleen,thymus gland.

.Neutrophils\_2-5 days.

.Eosinophils\_7-12 days.

.Basophils\_12\_15 days.

.Monocytes\_2-5 days.

.Lymphocytes\_1/2-1 days.

**Q3:**Which types of blood hane no nucleus?

ANS:Red blood cells they are lack a cell nucleus and most organelles,they are flexible and oval biconcave disks.they can be viewed as sacks of hemoglobin,with a plasma membrane.Red blood cells are the most abundant cell in the blood,accounting for about 40-45% of its volume.Red blood cells are circular,biconcave disk shaped and deformable to allow them to squeeze through narrow capillaries.

They do not have a nucleus.