

SANGAM SKM COLLEGE- NADI

BASIC SCIENCE

YEAR10

WORKSHEET: 2

WEEK :3

STRAND: LIVING THINGS AND THE ENVIRONMENT

1. What is the main function(s) of the urinary system?

Excrete nitrogenous waste from the body.

2. How do the kidneys regulate fluid level?

One way the the kidneys can directly control the volume of bodily fluids is by the amount of water excreted in the urine. Either the kidneys can conserve water by producing urine that is concentrated relative to plasma, or they can rid the body of excess water by producing urine that is dilute relative to plasma.

3. Define the following:

a) Ovulation: **It occurs when an egg is released from your ovary.**

b) Fertilization: **fusion of male and female gametes to form a zygote.**

c) Menstruation : **the process in a woman of discharging blood and other material from the lining of the uterus at intervals of about one lunar month from puberty until the menopause, except during pregnancy.**

d) Hormones: **are chemical messengers that are secreted directly into the blood, which carries them to organs and tissues of the body to exert their functions.**

4. Complete the following table.

Food tested	Reagent / chemical used	Positive colour change	Negative colour change
Starch	(i) Iodine	Bluish black	(ii) Remains brown or Purple.
(iii) Glucose	Benedict's solution	(iv) reddish Orange	Remained blue

THE END!