



Musaeus College

Study Pack 2 / Week 2 / March 2020

Grade : 11

Subject : Science

Medium : English

Period 1:

- (i). What is Metabolism?
 - (ii). Indicate the reason for considering sweat, urea which are produced in the human body as excretory products.
 - (iii). Define the process "excretion".
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Period 2: Make a model of the urinary system using materials which you can find at home.

Period 3: The structural and functional unit of the kidney is the nephron. Draw the structure of a nephron and label the parts of it.

Period 4: Process of urine formation can be grouped into 3 steps as ultrafiltration, selective reabsorption and secretion. Indicate how this process is done.

Period 5:

- (i). Mention how urine is removed from the body.
 - (ii). Indicate the composition of urine of a healthy person using a table.
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Period 6: Make a booklet of diseases associated with urinary system.

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