



INDIAN SCHOOL DARSAIT DEPARTMENT OF BIOLOGY



Subject : BIOLOGY Topic : Excretory Products and their Elimination

Date of Worksheet:
12-08-2018

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Name of the Student : _____ Class & Division : XI Div. ___ Roll Number : ___

S.No	Answer the following	Marks
1.	If a man takes large amount of protein, what is he likely to excrete more in his urine?	1
2.	Why do we urinate more in wet and cold months?	1
3.	Where does the urea cycle occur in our body? Name the end products of urea cycle.	1
4.	Name the metabolic waste or end product produced from muscle?	1
5.	When a person undergoes a prolonged fasting then, what is found to be more in his urine?	1
6.	The size of filtration slits of glomerulus are approximately 25nm/15nm (choose the correct answer)	1
7.	What are the main excretory wastes of the lungs?	1
8.	How is the osmotic pressure of kidneys controlled?	1
9.	Which gland secret es sebum?	1
10.	One part of loop of Henle is impermeable to water. Name it.	1
11.	Besides water, name any two components of human sweat.	1
12.	Name two types of nephrons found in human kidney.	1
13.	Name the excretory product of (i) reptiles (ii) Prawns.	1
14.	What is vasa recta?	1
15.	Name two metabolic disorders which can be diagnosed by analysis of urine.	1
16.	What is micturition?	1
17.	Define GFR (Glomerular Filtration Rate).	1
18.	The mechanism of concentration of filtrate is also known as counter current mechanism. Justify the statement.	2
19.	What are the other organs other than kidney involved in excretion of waste in humans? Explain	2
20.	Briefly explain rennin-angiotensin regulation in humans.	3
21.	Explain the steps involved in the process of urine formation.	5