

Adabistan-e-Soophia

Code: 2001

Test No.: 2

Paper: Biology

Name: _____

Class: X Sec: _____

Syllabus: Ch. 11

Question Numbers	1	2	3			Total	Grade	%age
Maximum Marks	09	22	09			40		
Marks Obtained								

Remarks: _____

A	B	C	D	Write Correct option	A	B	C	D	Write Correct option	A	B	C	D	Write Correct option			
1	A	B	C	D		7	A	B	C	D		13	A	B	C	D	
2	A	B	C	D		8	A	B	C	D		14	A	B	C	D	
3	A	B	C	D		9	A	B	C	D		15	A	B	C	D	
4	A	B	C	D		10	A	B	C	D		16	A	B	C	D	
5	A	B	C	D		11	A	B	C	D		17	A	B	C	D	
6	A	B	C	D		12	A	B	C	D		18	A	B	C	D	

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink. Cutting or filling two or more times result in zero mark in that question.

Q.1	Questions	(A)	(B)	(C)	(D)
1.	The loss of H_2O in the form of drop from tips of leaf is called:	Evaporation	Transpiration	Guttation	Excretion
2.	The process which maintain the internal condition of body at equilibrium, despite changes in the external environment is called:	Homeostasis	Excretion	Absorption	Tubular secretion
3.	The loss of water from plant surface in the form of vapours is called:	Transpiration	Guttation	Excretion	Thermoregulation
4.	Secretions secreted by conifers are called:	Resins	Gums	Latex	Mucilage
5.	Amount of urea in normal chemical composition of urine is:	9.3g/l	1.8g/l	1.17g/l	0.75g/l
6.	Filtration of kidney contains:	Urea, H_2O & minerals	Minerals, H_2O , CO_2	Urea & H_2O	Urea & minerals
7.	The functional unit of kidney is:	Urine	Pelvis	Nephron	Pyramids
8.	Urine contains the least amount of:	Urea	Sodium	H_2O	Potassium ions

Q.1	Questions	(A)	(B)	(C)	(D)
9.	Each kidney of human weighs about:	5g	10g	17g	27g
10.	Length of human kidney is:	10cm	5cm	4cm	27cm
11.	The organ responsible for filtering the blood is:	2	1	Many	None of these
12.	The tubes between kidney and urinary bladder is the:	Ureter	Urethra	Renal tubule	Nephron
13.	The core temperature of human body remains at about:	37°C	38°C	39°C	40°C
14.	The tube between kidney and urinary bladder is the:	Ureter	Urethra	Penal tube	Nephron
15.	Which is the correct order for the path taken by urine after it leaves the kidneys?	Urethra, bladder, ureter	Bladder, ureters, urethra	Ureters, bladder, urethra	Bladder, urethra, ureters
16.	Which would not be present in the filtrate entering the Bowman's capsule of Nephron?	Water	Calcium ions	Blood cell	Urea
17.	What is the function of ureter?	To store urine	To carry urine from the kidney	To carry urine out of the	To remove waste from the blood
18.	The normal PH of blood is:	7.35 – 7.45	7.33 – 7.43	7.34 – 7.44	7.30 – 7.40

(Section - I)

2. Write short answers to the following questions.

(11×2=22)

- i. What is the composition of sodium and chlorine ions in urine?
- ii. How much urine is produced by an average adult per day?
- iii. What is difference between osmoregulation and thermoregulation?
- iv. How other plants remove their waste materials from their body?
- v. Why trees shed off their leaves?
- vi. Draw the internal structure of kidney and label their parts?
- vii. Differentiate b/t hilus and pelvis?
- viii. What is renal cortex and renal medullar?
- ix. What is the loop of Henle?
- x. Describe the structure of renal corpuscle?
- xi. Define Nephron and write down the names of its parts?

(Section - II)

Note: Give detailed answers of the following questions.

(9)

3. a) Write a note a function of kidney?

(4)

b) Explain what is hypotonic urine hypertonic urine?

(5)