

6.	Each nephron has two a) Bowman's capsule a c) Glomerulus and Bow	nd P C T	b) Glomerulus and renal tubule d) Bowman's capsule and renal tubule			
7.	Identify the correct statements I. The outer layer of the kidney is called capsule II. Cortex is divided into outer cortex and inner medullar III. Medulla is divided into medullary pyramids IV. The cortex extends in between the medullary pyramids which is called as columns of Bertini Choose the correct option accordingly a) I, III and IV b) I and IV c) I, II and III d) I, II, III and IV					
8.	Out of the four parts giv urine in human? I. Loop of Henle II. Glomerulus III. Bowman's capsule IV. Vasa recta The correct option is a) I and II	ven below, which parts b) III and IV	play significant role in fo	orming concentrated d)I and IV		
9.	Aldosterone causes cor a) CO <sub>2</sub>	nditional reabsorption o b) Ca <sup>2+</sup>	f in the distal part of c) Na <sup>+</sup>	tubule d) Cl <sup>—</sup>		
10.	Alkaptonuria is a condition in which a) Accumulation of homogenestic acid in blood b) Excretion of homogenestic acid in sweat c) Excretion of homogenestic acid in urine d) All of the above					
	Sweat produced by sweat a) NaCl	eat glands is a watery flu b)Urea	uid which contain c) Lactic acid	d) All of the above		
12.	GFR (Glomerular Filtra a) Hour	ation Rate) is the amoun b)Second	t of filtrate formed by th c) Minute	ne kidney per d) 10 seconds		
13.	Ammonia produced by metabolism is convered into theA in theB in ureotelic andreleased into the blood, which is filtered and excreted out byCChoose the appropriate options for A, B and C to complete the given NCERT statementa) A-uric acid, B-spleen, C-kidneyb) A-uric acid, B-liver, C-kidneyc) A-urea, B-liver, C-kidneyd) A-urea, B-spleen, C-kidney					
14.	How much percentage a) 5%	of the filtrate is reabsor b)25%	bed in the renal tubules c) 90%	? d)99%		

15.	<ul> <li>Which one of the following statements is correct with respect to salt water balance inside the body of living organisms?</li> <li>a) When water is not available camels do not produce urine but store urea in tissues</li> <li>b) Salmon fish excretes lot of stored salt through gill membrane when in fresh water</li> <li>c) <i>Paramecium</i> discharges concentrated salt solution by contractile vacuoles</li> </ul>						
16.	<ul> <li>d) The body fluids of freshwater animals are generally hypotonic to surrounding water</li> <li>Find the correct option regarding mechanism of urine formation in man.</li> <li>a) The glomerular filtration rate is about 125 mL/min</li> <li>b) The ultra filtration is opposed by the colloidal osmotic pressure of plasma</li> <li>c) Tubular secretion takes place in the PCT</li> <li>d) Aldosterone induces greater reabsorption of sodium</li> </ul>						
17.	pH of urine (average p a) 7.0	H) is b) 6.5	c) 7.5	d)6.0			
18.	If one liter of water is i a) BMR increases c) RBC collapses and u decreases		•	s and urine production ses			
19.	Large amount of water	nts o <mark>fC into inte</mark> to C-su <mark>gar</mark>	rstitium of medulla t b) A-secreted, F	B urine. This segment allows o keep up the osmolarity. 8-dilute, C-NH <sub>3</sub> d, B-concentrated, C-urea			
20.	<ul> <li>J. Glucose</li> <li>II. Amino acid</li> <li>III. Na<sup>+</sup></li> <li>IV. Nitrogenous waste</li> <li>Which of them reabsorbed actively in the nephron?</li> <li>Choose the correct option</li> <li>a) I and II</li> <li>b) I, II and III</li> <li>c) I and III</li> <li>d) Only I</li> </ul>						