

Subject : BIOLOGY DPP No. :2 Class: XIth

Date:

Topic :- Excretory Products & Their Elimination

1.	Physiologically urea is produced by the action of a) Arginase b) Urease				an enzyme) Uricase	d) None of these	
2.	Malpighian body or renal corpuscle is/are a) Bowman's capsule c) Both (a) and (b)				b) Glomerulus d) Proximal convoluted tubule		
3.	Among ammonia, uric a a) Ammonia	acid <mark>and u</mark> b) Uric a			s the most soluble?) Both (a) and (b)	d) Urea	
4.	The living steady state a) Feed back mechanism c) Homozygous		-regulatory m	b	nanism which is know) Homeotherms) Homeostasis	n as	
5.	Uricotelism is found in a) Mammals and birds c) Birds, reptiles and insects				b) Fishes and freshwater protozoans d) Frogs and toads		
6.	Volume of urine is regulated by a) Aldosterone c) ADH				b) Aldosterone and testosterone d) Aldosterone and ADH		
7.	Urine is yellow in colour, due to a) Prochrome b) Haemoglobin			c) Urochrome	d) Creative	
8.	Vasa recta is minute vessel of Peritubular capil a) Also known as juxta-glomerular apparatus c) Running parallel to PCT			b	laries network, which is b) Running parallel to loop of Henle d) Running parallel to DCT		
9.	A person is undergoing prolonged fasting. His urine will be found to contain abnormal quantities of a) Fats b) Ketones c) Amino acids d) Glucose						

a) Burst open and die	h) Not be offerted a	. 11			
a) Burst open und uie	b) Not be affected at all				
c) Extract water from plasma	d) Shrivel and die				
Part of the kidney through which the ureter, bload Renal cortex b) Renal medulla	ood vessels and nerv c) Hilum	ves enters into it is d) Urethra			
Which one of the following correctly explains the nephron?	he function of a spec	rific part of a human			
Henle's loop – Most reabsorption of the a) major substances from the glomerular filtrate	b) Distal convoluted tubule — Reasorption of ions into the surrounding blood capillaries				
c) Afferent arteriole — Carries the blood away from the glomerulus towards renal vein	=	at minute spaces (slit pores) n of blood into the le			
a) When hydrostatic pressure of blood in the gl	-	Hg and net filtrate pressure			
	omorulus is 70 mm	Ug and not filtrate proceure			
	officialus is 70 mm	ing and het intrate pressure			
	omerulus is 70 mm	Ha and not filtrate pressure			
	omerulus is 70 mm	ing and net intrace pressure			
	lomerulus is 70 mm	Hg and net filtrate pressure			
-		ing and not intrace prossure			
Smell of urine is due to the					
a) Urochrome b) Urinode	c) Urea	d) Melanin			
The counter current mechanism operates in ne	nhron				
a) In ascending and descending limb of vasa b) In ascending limb of Henle's loop recta					
c) In descending limb of Henle's loop	d) Between the loop of Henle and vasa recta				
The average quality of urea excreted in urine b	v man ner dav is				
		d)80 g			
2)_0 00	0, 1 1.0 2	w) = 0 g			
Melanuria is caused by the abnormal catabolism of					
a) Alanine b) Tyrosine	c) Proline	d)Tryptophan			
Which one of the following statements is correct with respect to kidney function regulation? a) Exposure to cold temperature stimulates ADH release b) An increase in glomerular blood flow stimulates formation of angiotensin II					
	Part of the kidney through which the ureter, blaa) Renal cortex b) Renal medulla Which one of the following correctly explains the nephron? Henle's loop – Most reabsorption of the a) major substances from the glomerular filtrate C) Afferent arteriole — Carries the blood away from the glomerulus towards renal vein When does glomerular filtration occurs in Bow a) When hydrostatic pressure of blood in the glais -25 mm Hg b) When hydrostatic pressure of blood in the glais -35 mm Hg C) When hydrostatic pressure of blood in the glais 10 mm Hg d) When hydrostatic pressure of blood in the glais -70 mm Hg Smell of urine is due to the a) Urochrome b) Urinode The counter current mechanism operates in nea) In ascending and descending limb of vasa recta c) In descending limb of Henle's loop The average quality of urea excreted in urine be a) 1-5 g b) 25-30 g Melanuria is caused by the abnormal catabolism a) Alanine b) Tyrosine Which one of the following statements is correca) Exposure to cold temperature stimulates AD	c) Extract water from plasma d) Shrivel and die Part of the kidney through which the ureter, blood vessels and ner a) Renal cortex b) Renal medulla c) Hilum Which one of the following correctly explains the function of a specine phron? Henle's loop – Most reabsorption of the a) major substances from the glomerular filtrate Podocytes – Cre c) Afferent arteriole – Carries the blood away from the glomerulus towards renal vein When does glomerular filtration occurs in Bowman's capsule? a) When hydrostatic pressure of blood in the glomerulus is 70 mm is -25 mm Hg b) When hydrostatic pressure of blood in the glomerulus is 70 mm is -35 mm Hg c) When hydrostatic pressure of blood in the glomerulus is 70 mm is 10 mm Hg d) When hydrostatic pressure of blood in the glomerulus is 70 mm is 10 mm Hg d) When hydrostatic pressure of blood in the glomerulus is 70 mm is -70 mm Hg Smell of urine is due to the a) Urochrome b) Urinode c) Urea The counter current mechanism operates in nephron a) In ascending and descending limb of vasa recta c) In descending limb of Henle's loop d) Between the loop The average quality of urea excreted in urine by man per day is a) 1-5 g b) 25-30 g c) 1-1.5 L Melanuria is caused by the abnormal catabolism of a) Alanine b) Tyrosine c) Proline Which one of the following statements is correct with respect to kie a) Exposure to cold temperature stimulates ADH release			

- c) During summer when body loses lot of water by evaporation, the release of ADH is suppressed
- d) When someone drinks lot of water ADH release is stopped
- 19. Blood leaving liver and going towards heart is rich in
 - a) Bile
- b) Urea
- c) Ammonia
- d) Oxygen

- 20. Urea synthesis occurs in
 - a) Kidney
- b) Liver
- c) Brain
- d) Muscles

