

EXCRETORY SYSTEM

1. Loop of Henle is associated with:-
[Uttaranchal PMT 2004]
 - (1) Excretory system
 - (2) Respiratory system
 - (3) Reproductive system
 - (4) Digestive system
2. Aquatic reptiles are:- [Jharkhand 2003]
 - (1) Ammonotelic
 - (2) Ureotelic
 - (3) Ureotelic in water
 - (4) Ureotelic over land
3. If ADH level of blood is less:- [Bihar 2005]
 - (1) Volume of urine increases
 - (2) Volume of urine decreases
 - (3) Volume of urine is normal
 - (4) Volume of urine is unaffected
4. Human urine as compared to human blood is normally:- [Bihar 2004]
 - (1) Hypotonic
 - (2) Hypertonic
 - (3) Isotonic
 - (4) All of these
5. Main function of glomerulus is:- [Bihar 2004]
 - (1) Filtration of blood
 - (2) Reabsorption of H₂O
 - (3) Reabsorption of Na⁺
 - (4) Concentration of urine
6. Loop of Henle is associated with:- [Bihar 2002]
 - (1) Uriniferous tubules
 - (2) Seminiferous tubules
 - (3) Neurons
 - (4) Muscle fibres
7. Uric acid is the main excretory product in:- [Bihar 2002]
 - (1) Insects
 - (2) Earthworm
 - (3) Amphibians
 - (4) Mammals
8. Kidney of frog is:- [Bihar 2001]
 - (1) Pronephric
 - (2) Mesonephric
 - (3) Metanephric
 - (4) None of these
9. Duct of bellini opens on:- [Bihar 2006]
 - (1) Ureter
 - (2) Renal papilla
 - (3) Duodenum
 - (4) DCT

STATE PMT EXAMS EXERCISE

10. Which of the following is concerned with the formation of urea in rabbit:- [UP CPMT 2001]
 - (1) Blood
 - (2) Kidney
 - (3) Spleen
 - (4) Liver
11. Loop of henle is found in:- [UP CPMT 2001]
 - (1) Lung
 - (2) Liver
 - (3) Neuron
 - (4) Nephron
12. Absorption of H₂O in DCT is controlled by:- [UP CPMT 2002]
 - (1) ADH
 - (2) ACTH
 - (3) LH
 - (4) Oxytocin
13. Glomerular filtrate is:- [UP CPMT 2004]
 - (1) Blood minus blood corpuscles and plasma protein
 - (2) Blood minus corpuscles
 - (3) Mixture of water, ammonia and corpuscles
 - (4) Urine
14. A condition in which body's internal environment remains relatively constant with limits is called [UP CPMT 2004]
 - (1) Homeostasis
 - (2) hemostatis
 - (3) Cematoma
 - (4) haemopoiesis
15. The presence of arginase confirms that: [UP CPMT 2004]
 - (1) Urea cycle is operating
 - (2) Urea cycle may be operating
 - (3) Arginine is being converted into ornithine
 - (4) Arginine is being converted into citrulline
16. The most abundant, harmful and universal waste product of metabolism is: [UP CPMT 2004]
 - (1) CO₂
 - (2) Uric acid
 - (3) H₂O
 - (4) C₂H₅OH
17. Glomerular filtrate contains:- [UP CPMT 2005]
 - (1) Blood without blood cells and proteins
 - (2) Plasma without sugar
 - (3) Blood with proteins but without cells
 - (4) Blood without urea

18. Urea is directly produced in mammals from:-
[UP CPMT 2001]
- (1) Ammonia released by oxidative deamination
 - (2) Oxidative deamination of purines
 - (3) Breakdown of ornithine
 - (4) Breakdown of arginine
19. Glomerular hydrostatic pressure is present in:-
[UP CPMT 2005]
- (1) Tubule of kidney
 - (2) Bowman's capsule
 - (3) Glomerulus of uriniferous tubule
 - (4) Malpighian tubule
20. ADH acts on the:- [UP CPMT 2004]
- (1) Collection tubule of kidney
 - (2) Loop of henle
 - (3) Collecting ducts of testes
 - (4) None of the above
21. Absorption Na^+ and K^+ ions does not occur in:- [MP PMT 2004]
- (1) Bowman's capsule
 - (2) Loop of henle
 - (3) Distal convoluted tubule
 - (4) Proximal convoluted tubule
22. Liquid which collects in the cavity of Bowman's Capsule is:- [MP PMT 2004]
- (1) Blood plasma minus blood proteins
 - (2) Glycogen and water
 - (3) Urea, glycogen and water
 - (4) Urea
23. Urea synthesis takes place in:-
[MP PMT 2004]
- (1) Urinary bladder
 - (2) Alimentary canal
 - (3) Liver
 - (4) Kidney
24. Mammalian kidney resemble contractile vacuole of Amoeba in excretion of:-
[MP PMT 2006]
- (1) Glucose
 - (2) Excess water
 - (3) Urea
 - (4) Ammonia
25. The hormone secreted by kidney is:-
[MP PMT 2001]
- (1) Gastrin
 - (2) Secretin
 - (3) Erythropoietin
 - (4) Aldosterone
26. Diuresis is a condition, which is characterized by
[MP PMT 2001]
- (1) Increase in urine volume
 - (2) Increased sugar excretion
 - (3) Decrease in urine volume
 - (4) Decrease in ionic balance
27. Enzyme 'Renin' is secreted by:-
[MP PMT 2001]
- (1) Cells of stomach
 - (2) Cells of intestine
 - (3) The cortical cells of kidney
 - (4) The cells of juxtaglomerular apparatus of kidney
28. Renin is released from:-
[MP PMT 2002]
- (1) Juxta glomerular apparatus
 - (2) Cortical nephron
 - (3) Collecting duct
 - (4) Pelvis
29. Loop of Henle is primarily meant for absorption of :-
[MP PMT 2002]
- | | |
|---------------|-------------|
| (1) Potassium | (2) Glucose |
| (3) Urea | (4) Water |
30. Which of the following is metabolic waste of protein metabolism:- [MP PMT 2002]
- (1) NH_3 , urea and CO_2
 - (2) Urea, oxygen and N_2
 - (3) Urea, ammonia and alanine
 - (4) Urea ammonia and creatinine
31. Blood vessel leading into Bowman's capsule are called:-
[MP PMT 2001]
- (1) Renal vein
 - (2) Renal artery
 - (3) Efferent arteriole
 - (4) Afferent arteriole
32. The cavity of Bowman's capsule contain:-
[MP PMT 2003]
- (1) Urea, glycogen and water
 - (2) Urea and water
 - (3) Blood plasma except blood protein
 - (4) Concentrated blood
33. Urea formation takes place through:-
[MP PMT 2003]
- (1) Nitrogen cycle

- (2) Ornithine cycle
- (3) Cort cycle
- (4) Kreb's cycle

- (1) Collecting tubule
- (2) Distal tubule
- (3) Promixal convoluted tubule
- (4) Henle loop

34. The complete reabsorption of glucose takes place in:- **[MP PMT 2003]**

STATE PMT EXAMS EXERCISE

ANSWER KEY

Que.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans.	1	1	1	2	1	1	1	2	2	4	4	1	1	1	3
Que.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Ans.	1	1	4	3	1	1	1	3	2	3	1	4	1	4	1
Que.	31	32	33	34											
Ans.	4	3	2	3											