

Class : XIth
Date :

Subject : BIOLOGY
DPP No. : 10

Topic :- Excretory Products & Their Elimination

- The shape of vasa recta is
a) L-shaped b) U-shaped c) S-shaped d) J-shaped
- Animal which excrete urea, produced during metabolism of amino acid, belongs to
a) Ureotelism b) Uricotelism c) Ammonotelism d) Aminotelism
- RASS secretes which of the following hormone?
a) Mineralocorticoids b) Glucocorticoids c) Both (a) and (b) d) None of the above
- Choose the correct statement
I. Flame cell is a specialised excretory organ in flatworms
II. Bundles of flame cells are called protonephridia.
The correct option is
a) Only I b) Only II c) I and II d) Neither I nor II
- Which term is used both for a part of kidney and a part of skeleton in the mammals?
a) Centrum b) Pelvis c) Cortex d) Medulla
- Excretion of bile pigments in the urine indicates
a) Rickets b) Jaundice c) Diabetes d) Anaemia
- The proximity between Henle's loop and vasa-recta as well as the counter current in them help in maintain an ...A... in molarity towards inner interstitium medullary, region, *i.e.*, from ...B... mos mol^{-1} in the cortex to about ...C... m mol^{-1} in the inner medulla
Here a, b and c refers to
a) A-increasing, B-500, C-800 b) A-decreasing, B-300, C-1200
c) A-decreasing, B-1200, C-300 d) A-increasing, B-300, C-1200
- Out of
I. PCT II. DCT
III. Loop of Henle IV. Collecting duct
Which contributes most in maintaining pH of blood?
a) I and II b) II and III c) III and IV d) I and IV

9. A man takes large amount of proteins. He is likely to excrete a greater amount of
a) Urea b) Uric acid c) Sugar d) None of these
10. Excretion means
a) Formation of those substances which have some role in the body
b) Removal of such substances which have never been part of the body
c) Removal of useless substances and substances present in excess
d) All of the above
11. Renin is released by
a) Hypothalamus b) Posterior lobe of pituitary
c) Anterior lobe of pituitary d) J G cells
12. If Henle's loop were absent from mammalian nephron, which of the following is to be expected?
a) The urine will be more concentrated
b) The urine will be more dilute
c) There will be no urine formation
d) There will be hardly any change in the quality and quantity of urine formed
13. PCT is lined by
a) Cuboidal epithelium b) Squamous epithelium
c) Columnar epithelium d) Stratified epithelium
14. Which of the following disorder is an outcome of irregularities in metabolism of the nitrogenous waste?
a) Osteoporosis b) Gouty arthritis
c) Osteoarthritis d) Rheumatoid arthritis
15. Juxtaglomerular cells of renal cortex synthesize an enzyme called
a) ADH b) Oxytocin c) Rennin d) Urochrome
16. In majority of nephrons, the loop of Henley's is found in the
a) Cortical region of the kidney b) Medullary region of the kidney
c) Both (a) and (b) d) Pelvis region of the kidney
17. Osmoregulation is the function of
a) Oxytocin b) ADH c) Prolactin d) Both (a) and (b)
18. An increase in the body fluid volume can switch off the ...A... and ...B... the ADH release. In this way complete the ...C...
Choose the correct option for A, B and C
a) A-osmoreceptors, B-increase, C-feedback b) A-osmoreceptors, B-suppress, C-feedback

c) A-kidney filtration, B-increase, C-feedback d) A-kidney filtration, B-suppress, C-feedback

19. Which of the following is first formed nitrogenous waste of vertebrate?

a) NH_2 b) Urea c) NH_3 d) NH_4

20. Urine is concentrated in which part of nephron

a) CT b) PCT c) Bowman's capsule d) JGA

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