

#### 4. EXCRETION [The wastage disposing system]

1. Earthworm excretes its waste material through\_\_\_\_\_
2. The dark colored outer zone of kidney is called\_\_\_\_\_
3. The process of control of water balance and ion concentration within organism is called\_\_\_\_\_
4. Re-absorption of useful product takes place in \_\_\_\_\_ nephron.
5. Gums and resins are the \_\_\_\_\_ product of the plants.
6. Bowman's capsule and tubule taken together make a \_\_\_\_\_
7. The alkaloid used for malaria treatment is \_\_\_\_\_
8. The principle involved in dialysis is\_\_\_\_\_
9. Rubber is produced by \_\_\_\_\_of Heavea Brasiliensis.
10. \_\_\_\_\_invented dialysis machine.
11. Renal artery brings \_\_\_\_\_ blood
12. In the L.S of kidney, the pale colored inner zone is called\_\_\_\_\_
13. \_\_\_\_\_are the structural and functional units of the kidney
14. Squamous epithelial cells are called \_\_\_\_\_
15. The first part of the renal tubule is called\_\_\_\_\_
16. \_\_\_\_\_leads to the water
17. The peritubular capillaries join to form renal\_\_\_\_\_
18. The \_\_\_\_\_hormone is secreted only when concentrated urine is to be passed out.
19. Deficiency of vasopressin causes the disease\_\_\_\_\_
20. Movement of urine in the ureter is through\_\_\_\_\_
21. Maximum capacity of urinary bladder is\_\_\_\_\_
22. The failure of the kidney is called\_\_\_\_\_
23. Swelling of legs with extra water and waste products is called\_\_\_\_\_
24. The best long term solution for kidney failure is \_\_\_\_\_
25. We can collect organ from \_\_\_\_\_patients.

- 26.The process of transplantation of organs from brain dead patients is called\_\_\_\_\_
- 27.\_\_\_\_\_ are the excretory organs in Platyhelminthes.
- 28.The chemical name of tobacco is\_\_\_\_\_
- 29.Latex from \_\_\_\_\_ is the source of bio diesel
- 30.Distal convoluted tubule opens into \_\_\_\_\_
- 31.The size of kidney is \_\_\_\_\_ C.M
- 32.The diameter of \_\_\_\_\_is less than afferent arterioles.
- 33.The filtration in glomerulars is called\_\_\_\_\_
- 34.\_\_\_\_\_secretion is active secretion.

### Key

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|--------------------------------|-----------------------------|
| 1) Nephridia                   | 2) Cortex                   |
| 3) Osmo regulation             | 4) Tubular                  |
| 5) Secondary metabolic         | 6) Malpighian tubule        |
| 7) Quinine                     | 8) Separation               |
| 9) Latex                       | 10) Dr. Charles Hufnagel    |
| 11) Oxygenated                 | 12) Medulla                 |
| 13) Nephrons                   | 14) podocyte cells          |
| 15) Proximal convoluted tubule | 16) pelvis                  |
| 17) Venule                     | 18) Vasopressin             |
| 19) Diabetes insipidus         | 20) Peristalsis             |
| 21) 700-800ml                  | 22) End state renal disease |
| 23) Urena                      | 24) Kidney transplantation  |
| 25) Brain dead                 | 26) Cadaver transplantation |
| 27) Flame cells                | 28) Nicotiana tobacum       |
| 29) Jatropha                   | 30) Collecting tubule       |
| 31) 10 cm                      | 32) Efferent arteriole      |
| 33) Ultra filtration           | 34) Tubular                 |