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1. What is the function of Kidney?

- A. It cleans blood by filtering it and removes waste products.
- B. It regulates minerals in the body and produce hormones.
- C. Both A and B are correct
- D. Only A is correct

Ans. C

The main function of kidney is to remove poisonous substance like urea, other waste salts and excess water from the blood and excrete them in the form of urine. It produces rennin hormone that helps in controlling blood pressure.

2. What is the shape of the kidney?

- A. It is an oval shaped organ.
- B. It is bean shaped organ
- C. It is rectangular in shape.
- D. It has no fixed shape.

Ans. B

The kidneys are bean shaped organs towards the back of our body just above the waist.

3. Removal of waste from our body is due to the process of:

- A. Excretion
- B. Respiration
- C. Exhalation
- D. Double Circulation

Ans. A

Due to excretion waste is removed from our body with the help of organs. Kidney excrete urea and lungs carbon dioxide.

4. If a person is put on dialysis, he is suffering from:

- A. Heart disease
- B. Kidney disease
- C. Respiratory problem
- D. None of the above

Ans. B

The procedure used for cleaning the blood of a person by separating the waste substance urea from it is called dialysis.

5. What are the symptoms of suffering from kidney disease?

- A. High blood pressure
- B. Respiration problem
- C. Swelling on face, legs etc
- D. All of the above

Ans. D

At early stage kidney disease has no signs and symptoms. Gradually if a person is suffering from this disease then he or she will face problems like High blood Pressure, swelling in legs and face, Breathing problem, Cardiovascular disease, diabetes, back pain etc.

6. Name the excretory unit in the human excretory system?

- A. Neuron
- B. Nephron
- C. Nephridia
- D. Nerve

Ans. B

Each kidney is made up of a large number of excretory units called nephrons.

7. When Bowman's capsule and tubule taken together in kidney forms:

- A. Capillaries
- B. Nephron
- C. Glomerulus
- D. Urine Collecting duct

Ans. B

The Bowman's capsule and the tubule taken together make a nephron.

8. The best long term solution for kidney failure is:

- A. Kidney transplant
- B. Dialysis
- C. Both A and B
- D. Neither A nor B

Ans. A

Complete failure of the kidneys allows the urea and other waste products to build up in the blood. The best long term solution for kidney failure is the kidney transplant. In this the damaged kidney is removed and matching kidney donated by a healthy person is transplanted in its place by a surgical operation.

9. The excretory system of human being consists of the following organs:

- A. Two kidneys and ureter
- B. Bladder
- C. Urethra
- D. All of the above

Ans. D

The excretory system in human beings collects the liquid wastes of the body and helps it get rid of them. It consists of two kidneys, two ureters, bladder and urethra.

10. Where Kidneys are present in our body?

- A. At back, just above the waist.
- B. At back, behind lungs
- C. Near belly button
- D. Behind pancreas gland

Ans. A

Kidneys are present on either side of spine at the lowest level of rib cage in a remote part of abdomen partially covered by ribs.