



Date : 30th Nov 2023

General Knowledge - Human Body

English

**Q:1** Which of the following organs of the human body has the function of filtering blood?

1. Kidney
2. Liver
3. Heart
4. Lungs

**Q:2** In human body, the food passes through a continuous canal which begins at \_\_\_\_\_ and ends at anus.

1. stomach
2. buccal cavity
3. food pipe
4. rectum

**Q:3** The deficiency of Vitamin \_\_\_\_\_ in the human body may lead to Xerophthalmia.

1. D
2. A
3. B
4. C

**Q:4** Which organs of the human body are most affected by the coronavirus disease?

1. Lungs
2. Heart
3. Nervous system
4. Liver

**Q:5** Which part of the brain maintains the posture and balance of the human body?

1. Medulla
2. Pons
3. Cerebellum
4. Cerebrum

**Q:6** Which of the following are destroyed by the HIV virus that leads to weakening of the human body?

1. Mast Cells
2. Erythrocytes
3. Platelets
4. Lymphocytes

**Q:7** 'Uveitis' disease is related to which part of the human body?

1. Brain
2. Eyes
3. Stomach
4. Heart

**Q:8** Which component of blood fights against germs that enter the human body?

1. White blood cells
2. Haemoglobin
3. Platelets
4. Red blood cells

**Q:9** The number of "True Ribs" in the human body is \_\_\_\_\_.

1. 12
2. 13
3. 14
4. 15

**Q:10** Which is the longest bone in the human body?

1. Ulna
2. Radius
3. Tibia
4. Femur

## Answer Key

1. (1)	2. (2)	3. (2)	4. (1)	5. (3)
6. (4)	7. (2)	8. (1)	9. (3)	10. (4)

## Answers and Solutions

**Q:1** The correct answer is **option 1** i.e. **Kidney**.

Humans have five vital organs that are essential for survival. These are the brain, heart, kidneys, liver, and lungs.

The **human brain** is the body's control center, receiving and sending signals to other organs through the nervous system and through secreted hormones. It is responsible for our thoughts, feelings, memory storage, and general perception of the world.

The **human heart** is responsible for pumping blood throughout our bodies.

The job of the **kidneys** is to remove waste and extra fluid from the blood. The kidneys take urea out of the blood and combine it with water and other substances to make urine. i.e. **filtering of blood**.

The **liver** has many functions, including detoxification of harmful chemicals, breakdown of drugs, secretion of bile, and production of blood-clotting proteins.

The **lungs** are responsible for removing oxygen from the air we breathe and transferring it to our blood where it can be sent to our cells. The lungs also remove carbon dioxide, which we exhale.

**Q:2** The correct answer is **buccal cavity** i.e.

In the human body, the food passes through a continuous canal which begins at the buccal cavity (mouth) and ends at the anus.

In the human body, the food passes through a continuous canal that begins at the mouth and ends at the anus.

This canal is known as the gastrointestinal or digestive tract and is responsible for the ingestion, digestion, absorption, and elimination of food.

The process starts with mastication in the mouth, where food is broken down into smaller pieces and mixed with saliva. It then travels through the esophagus, stomach, small intestine, and large intestine, where various processes of digestion and absorption occur.

Finally, the waste products are eliminated through the anus in the form of feces.

The entire digestive tract plays a critical role in nutrient absorption and the overall functioning of the human body

**Q:3** The correct answer is **option 2** i.e. **A**.

**Xerophthalmia** is an eye disease that is caused by a deficiency of **Vitamin A**.

In Xerophthalmia, the eye fails to produce tears.

It can develop into night blindness and cause more serious damage to the cornea.

**Important Vitamins, their Chemical name, and Rich source:**

Vitamins	Chemical Name	Rich Source	Diseases
Vitamin A	Retinol	Cod liver oil	Night blindness
Vitamin B1	Thiamine	Rice Bran	Beriberi
Vitamin C	Ascorbic acid	Lemons	Scurvy
Vitamin D	Cholecalciferol	Cod liver oil and Sunlight	Rickets
Vitamin E	Tocopherols	Wheat germ oil	Abetalipoproteinemia
Vitamin K	Phylloquinone	Alfalfa	Excessive bleeding

**Q:4** The correct answer is **option 1** i.e. **Lungs**.

**Lungs** are the organ of the human body that are most affected by coronavirus disease.

The virus causes a severe acute respiratory syndrome that includes coronavirus 2 (SARS-CoV-2).

It causes the common cold, severe acute respiratory syndrome (SARS), and the Middle East respiratory syndrome (MERS).

**Q:5** The correct answer is **option 3** i.e. **Cerebellum**.

The cerebellum gets information from the sensory systems, the spinal cord, and other parts of the brain and then it regulates the motor movements. It controls all voluntary movements such as posture, balance, coordination, and speech.

**Q:6** The correct answer is **option 4** i.e. **lymphocytes**.



Date : 30th Nov 2023

General Knowledge – Human Body

English

HIV destroys certain white blood cells called CD4<sup>+</sup> lymphocytes.

Lymphocytes help to fight against foreign pathogens.

Therefore, when HIV destroys CD4<sup>+</sup> lymphocytes, people become weak and more susceptible to attack by the pathogens and weaken the immune system as well the human body.

**Q:7** The correct answer is **option 2** i.e **Eyes**.

Uveitis is the inflammation of eyes.

It affects the middle layer of tissue in the eyewall (uvea).

Uveitis symptoms often come on suddenly and get worse quickly.

Effects include eye redness, pain, and blurred vision.

**Q:8** The correct answer is **option 1** i.e **White blood cells**.

White blood cells help the body fight infection and other diseases.

Types of white blood cells are granulocytes, monocytes, and lymphocytes.

**Q:9** The correct answer is **option 3** i.e. **14**.

There are a total of 24 ribs (12 pairs), out of which 14 (7 pairs) are true ribs.

True ribs are directly attached to the sternum.

**Q:10** The correct answer is **option 4** i.e. **Femur**.

The longest bone in the human body is called the femur, or thigh bone.

Length: 19.9 inches long