

## Physiology (शरीर क्रिया विज्ञान)

1. Which organ is primarily responsible for detoxification in the body?

- a) Kidney
- b) Liver
- c) Lungs
- d) Heart

**Answer: b) Liver**

2. The pacemaker of the heart is:

- a) AV node
- b) SA node
- c) Bundle of His
- d) Purkinje fibers

**Answer: b) SA node**

3. Which hormone increases blood glucose levels?

- a) Insulin
- b) Glucagon
- c) Thyroxine
- d) Cortisol

**Answer: b) Glucagon**

4. The normal pH of blood is:

- a) 6.8–7.0
- b) 7.35–7.45
- c) 7.5–8.0
- d) 8.1–8.3

**Answer: b) 7.35–7.45**

5. Which enzyme initiates carbohydrate digestion in the mouth?

- a) Pepsin
- b) Lipase
- c) Amylase
- d) Trypsin

**Answer: c) Salivary Amylase**

6. The functional unit of the nervous system is:

- a) Brain
- b) Spinal cord
- c) Neuron
- d) Ganglion

**Answer: c) Neuron**

7. Which gas is exchanged for oxygen in the lungs?

- a) Nitrogen
- b) Carbon dioxide
- c) Hydrogen
- d) Methane

**Answer: b) Carbon dioxide**

8. Blood pressure is regulated by:

- a) Liver
- b) Hypothalamus
- c) Kidneys
- d) Skin

**Answer: c) Kidneys**

9. Which part of the brain regulates body temperature?

- a) Cerebrum
- b) Cerebellum
- c) Hypothalamus
- d) Medulla oblongata

**Answer: c) Hypothalamus**

10. Which blood cells are responsible for immunity?

- a) RBCs
- b) Platelets
- c) WBCs
- d) Plasma

**Answer: c) WBCs**