

Existentialism and Biological Reality

Existentialism And Human Biology · Practice Test · 25 Questions

1. Which vital organ in the human body is primarily responsible for pumping oxygenated blood, a biological necessity for human existence?

- A) Lungs
- B) Heart
- C) Liver
- D) Kidneys

2. What is the primary structural framework of the human body that provides support for physical existence?

- A) Muscular system
- B) Skeletal system
- C) Nervous system
- D) Endocrine system

3. Which organ is the central control system for human consciousness and cognitive function?

- A) Stomach
- B) Brain
- C) Pancreas
- D) Spleen

4. Human existence requires the intake of oxygen. Which organ system is primarily responsible for gas exchange?

- A) Respiratory system
- B) Digestive system
- C) Urinary system
- D) Reproductive system

5. What substance makes up approximately 60% of an average adult human's total body weight, essential for life?

- A) Fat
- B) Protein
- C) Water
- D) Bone

6. Which cells in the human body are responsible for carrying oxygen from the lungs to the tissues?

- A) White blood cells
- B) Red blood cells
- C) Platelets
- D) Neurons

7. What is the largest organ of the human body, providing a physical barrier between the individual and the world?

- A) Liver
- B) Skin
- C) Lungs
- D) Intestines

8. Which part of the human eye is responsible for focusing light onto the retina, allowing perception of the environment?

- A) Iris
- B) Lens
- C) Cornea
- D) Pupil

9. What is the name of the process by which human cells convert nutrients into energy to sustain life?

- A) Photosynthesis
- B) Respiration
- C) Metabolism
- D) Digestion

10. Which chemical element is the primary component of all known organic matter, including the human body?

- A) Oxygen
- B) Carbon
- C) Nitrogen
- D) Hydrogen

11. What system of the body is responsible for producing hormones that regulate human growth and development?

- A) Endocrine system
- B) Digestive system
- C) Skeletal system
- D) Integumentary system

12. Which organ is responsible for filtering waste products from the blood to maintain homeostatic balance?

- A) Kidneys
- B) Heart
- C) Lungs
- D) Brain

13. What is the primary fuel source for the human brain's cognitive activities?

- A) Glucose
- B) Protein
- C) Fiber
- D) Vitamin C

14. How many chambers are contained within the standard healthy human heart?

- A) Two
- B) Three
- C) Four
- D) Five

15. Which type of muscle is responsible for the involuntary movement of the human heart?

- A) Skeletal muscle
- B) Smooth muscle
- C) Cardiac muscle
- D) Striated muscle

16. What is the average resting heart rate for a healthy adult in beats per minute?

- A) 20-40
- B) 60-100
- C) 120-150
- D) 180-200

17. Which nutrient is essential for the structure and repair of human muscle tissue?

- A) Fat
- B) Protein
- C) Starch
- D) Sugar

18. What is the primary function of the human large intestine?

- A) Absorption of nutrients
- B) Absorption of water
- C) Production of bile
- D) Filtration of blood

19. Which gland in the human body is often referred to as the 'master gland' because it regulates other endocrine functions?

- A) Thyroid
- B) Pituitary
- C) Adrenal
- D) Pineal

20. What is the biological term for the maintenance of a stable internal environment in the human body?

- A) Homeostasis
- B) Evolution
- C) Metabolism
- D) Respiration

21. Which substance is produced by the liver and stored in the gallbladder to assist in fat digestion?

- A) Insulin
- B) Bile
- C) Gastrin
- D) Pepsin

22. Approximately how many bones are in a typical adult human skeleton?

- A) 106
- B) 206
- C) 306
- D) 406

23. What is the primary purpose of the human sense of touch, mediated by receptors in the skin?

- A) Detecting movement
- B) Sensing temperature and pressure
- C) Processing light
- D) Hearing vibrations

24. Which nerve carries visual information from the retina to the brain?

- A) Auditory nerve
- B) Optic nerve
- C) Olfactory nerve
- D) Vagus nerve

25. What is the normal human body temperature in degrees Celsius?

- A) 30.5°C
- B) 37.0°C
- C) 40.2°C
- D) 42.5°C