

Parapsychology and the Human Body: A Factual Inquiry

Parapsychology · Practice Test · 18 Questions

1. Which physiological measure is most commonly studied in experimental settings investigating telepathy, aiming to detect non-random correlations between a sender and receiver's brain activity?

- A) Heart rate variability
- B) Galvanic skin response
- C) Electroencephalography (EEG)
- D) Pupil dilation

2. In psychokinesis (PK) research, what common physiological response is often monitored to assess potential subtle influences on physical objects or systems?

- A) Muscle tremors
- B) Blood pressure
- C) Body temperature
- D) Respiration rate

3. Studies investigating remote viewing often employ neuroimaging techniques to observe brain regions activated during reported perception of distant locations. Which area is frequently implicated in visual processing and spatial awareness?

- A) Prefrontal cortex
- B) Cerebellum
- C) Occipital lobe
- D) Amygdala

4. During experiments designed to test precognition, researchers may monitor physiological indicators that signal heightened anticipation or stress. Which autonomic nervous system response is often observed?

- A) Decreased heart rate
- B) Increased skin conductance (GSR)
- C) Reduced pupil size
- D) Lowered blood flow to extremities

5. Research into the placebo effect, which shares some conceptual overlap with belief-driven healing in parapsychology, demonstrates that expectations can influence the release of endogenous compounds within the body. Which class of neurotransmitters is notably involved?

- A) Dopamine
- B) Serotonin
- C) Endorphins
- D) Acetylcholine

6. In some parapsychological investigations, particularly those involving supposed healing abilities, researchers might monitor objective health indicators. Which of the following is a commonly tracked biomarker for immune function?

- A) Blood glucose levels
- B) C-reactive protein (CRP)
- C) White blood cell count
- D) Cholesterol levels

7. When studying purported psychic healing, researchers might look for changes in cellular processes. Which cellular component is a key indicator of cellular stress or damage?

- A) Mitochondria
- B) Ribosomes
- C) Lysosomes
- D) Centrioles

8. Some parapsychological hypotheses suggest a connection between consciousness and electromagnetic fields. What is the primary electrical activity generator in the human brain that produces measurable electrical signals?

- A) Astrocytes
- B) Oligodendrocytes
- C) Neurons
- D) Microglia

9. In studies examining the effects of purported psychotronic influences on biological systems, researchers sometimes observe changes in cellular membrane permeability. What cellular organelle is primarily responsible for controlling what enters and leaves a cell?

- A) Endoplasmic reticulum
- B) Golgi apparatus
- C) Cell membrane
- D) Nucleolus

10. Research into altered states of consciousness, often studied in parapsychology, can involve monitoring neurotransmitter levels. Which neurotransmitter is heavily implicated in mood regulation and has been investigated in relation to meditation and psychic experiences?

- A) GABA
- B) Glutamate
- C) Serotonin
- D) Norepinephrine

11. When investigating the possibility of bio-energetic fields, researchers might look for measurable effects on biological processes. Which common laboratory technique assesses cellular metabolic activity, a potential indicator of energetic influence?

- A) PCR (Polymerase Chain Reaction)
- B) Western Blotting
- C) MTT assay
- D) DNA sequencing

12. Some parapsychological theories propose that intention can influence biological systems at a distance. When studying the effects on microbial growth, researchers might monitor changes in colony-forming units (CFUs). What does a CFU represent?

- A) A single bacterium that has died
- B) A single bacterium that can divide to form a visible colony
- C) A waste product of bacterial metabolism
- D) A viral particle

13. In parapsychology research involving supposed psi-healing, improvements in physical well-being are often assessed. Which physiological system's function is commonly evaluated to gauge recovery from illness or injury?

- A) Nervous system
- B) Circulatory system
- C) Immune system
- D) Digestive system

14. Studies exploring the mind-body connection in parapsychological contexts sometimes investigate how stress impacts physiological health. Which hormone is released in response to stress and can have widespread effects on the body?

- A) Insulin
- B) Thyroxine
- C) Cortisol
- D) Melatonin

15. When examining purported psychic abilities related to perceiving internal bodily states, researchers may use biofeedback techniques. Which physiological signal is commonly used in biofeedback to help individuals gain control over their autonomic nervous system responses?

- A) Brainwave patterns
- B) Blood oxygen saturation
- C) Muscle tension
- D) Body temperature

16. Hypotheses regarding subtle energy fields in parapsychology sometimes propose effects on cellular respiration. Which organelle is the primary site of cellular respiration, producing ATP?

- A) Nucleus
- B) Lysosome
- C) Mitochondrion
- D) Vacuole

17. Research into potential extrasensory perception (ESP) and its effects on health outcomes might involve studying stress reduction. Which physiological parameter is a direct indicator of stress levels often measured in such studies?

- A) Blood viscosity
- B) Heart rate variability (HRV)
- C) Bone density
- D) Gastric acidity

18. In the context of investigating purported psychic influences on biological growth, such as plant studies, researchers often measure parameters like biomass. What does biomass primarily represent in a biological organism?

- A) The rate of photosynthesis
- B) The total mass of living organic matter
- C) The speed of seed germination
- D) The surface area of leaves