

INNOVATION TECHNOLOGIES AND ENERGY MEDICINE (ITEM)

Written Examination for the Professional Development Series in Energy Medicine

PART I: MULTIPLE CHOICE (3 points each)

(Select the best answer from the choices below each question – select only one answer)

1. Hertz is a unit of measurement for frequency, which characterizes:
 - a. The rate at which electromagnetic waves are oscillating.
 - b. The distance between wave peaks.
 - c. The time necessary for a wave to complete one cycle.
 - d. The range in which something vibrates.

2. Fill in the blank: _____ is a property of subtle energy that can be measured in order to quantify how much energy is present.
 - a. Joules.
 - b. Force.
 - c. Voltage.
 - d. Frequency.

3. The fact that subatomic particles have behaved differently and seem to have different properties depending on who, where and when the evaluation is made is best supported by which of the following statements:
 - a. Subatomic particles behave differently in response to various geomagnetic zones on earth.
 - b. In the universe, no two subatomic particles behave the same way.
 - c. Photons of light in varying quantities have a significant effect on subatomic particle properties.
 - d. Quantum particles that are capable of carrying charge may be influenced by the brain waves of the observer.

4. Which statement best REFUTES the notion of parallel universes from a philosophical and logical perspective?
 - a. Astrophysical phenomena such as black and white holes occur within the same universal continuum.
 - b. The "Universal Mind" exists in the Spacious Present and cannot be fragmented.



- c. Parallel universes imply that more than one universe exists, which defies the basic tenet that the universe is one integral continuum.
 - d. Probable universes that exist "out of phase" with others are nonetheless part of the same wave pattern.
5. The theory of selective lateralization of brain hemispheres is an oversimplification, as most functions are shared between the right and left hemispheres, except for:
- a. Perceptions of space and time.
 - b. Logic and creativity.
 - c. Cognitive functioning.
 - d. Control of motor functions.
6. Which of the following statements are FALSE:
- a. Quantum particles carry energy-information through the medium of force carrier particles.
 - b. The brain waves of observers can influence the properties of quantum particles, indicating that thoughts can be transmitted.
 - c. The lack of consistency in observed properties of subatomic particles indicates that reality is subjective rather than objective.
 - d. All of these statements are true.
7. If consciousness is defined as the inherent capacity to participate in energy information exchange with the environment, which of the following could be considered to be conscious?
- a. Water.
 - b. Sound waves traveling through air.
 - c. Lava flowing from a volcano.
 - d. Both a. and c. are correct.
 - e. All answers (a. – c.) are correct.
8. What is the most likely reason that plants grow taller and greener when humans pay close attention to them (assuming that all other needs are met)?
- a. The bioenergy emitted from humans increases the electrolytic charge of soil that improves nutrient uptake.
 - b. Plants can "absorb" human bioenergy that, through sympathetic vibration, increases plants' rate of energy information exchange.
 - c. Plants can utilize human bioenergy as an additional source for metabolism.
 - d. Human thought-forms increase the electrical field strength of plant bioenergy, which improves plants' resistance to adverse environmental conditions.
9. Which process best characterizes and explains how some people can "see" other people who have left this physical plane (i.e., are "deceased")?

- a. The cells within the eye can spontaneously mutate and provide for a broader visual range.
 - b. Deceased people can resonate their energy fields to levels within the visible light spectrum.
 - c. "Impressions" or signals that cannot stimulate the eye itself can nonetheless stimulate the optic nerve or brain centers through electromagnetic induction.
 - d. Such phenomena can occur only through chemically induced activation of the pineal gland.
10. The electroencephalogram (EEG) readout for a child with attention deficit disorder (ADD) who has not been taking behavior-altering drugs is likely to be characterized as:
- a. High frequency, high voltage, low amplitude, unstable waveforms.
 - b. High frequency, low voltage, low amplitude, unstable waveforms.
 - c. High frequency, high voltage, high amplitude, unstable waveforms.
 - d. Low frequency, high voltage, high amplitude, unstable waveforms.
11. What is the potential charge (V) of 3 grams of physical matter, assuming the number of electrons is 6.242×10^{18} (1 Coulomb)?
- a. 14.4 μ V.
 - b. 43 μ V.
 - c. 1.4 mV.
 - d. 43 V.
12. Fill in the blanks: Resonant Field Imaging™ is a process that involves the measurement of subtle energy fields with a _____, for conversion of the data to _____ through an empirical relationship for the assessment of psychological or psychosomatic health conditions.
- a. Voltmeter; Electromagnetic frequencies.
 - b. Frequency counter; Voltage potential.
 - c. Frequency counter; Colors in the visible light spectrum.
 - d. Digital multimeter; Colors in the visible light spectrum.
13. You are conducting an experiment in which an object, of unknown mass, is connected on opposite ends to electrodes, and you are trying to measure the voltage of the object to determine potential mass. What is the problem with this experiment?
- a. The use of two electrodes on the object will not reveal its voltage.
 - b. You should be attempting to measure the electrical current, not the voltage.
 - c. You should simply weigh the object on a scale to determine potential mass.
 - d. You can only determine potential mass through measurement of electrical fields.
14. A person who is highly trained in the control of brain states through meditation becomes ill, and wishes to heal herself through focusing on a color that will cause her energy field to resonate at that color; which brain state will she most likely enter and maintain?

- a. Alpha State – 12 cps.
 - b. Alpha State – 10 cps.
 - c. Alpha State – 7 cps.
 - d. Theta State – 5 cps.
15. Through Resonant Field Imaging™ or another type of energy field imaging, you learn that your friend's Heart Chakra appears to be Black in color, at this moment. What preliminary conclusion can you most appropriately make from this observation?
- a. Your friend is physically ill.
 - b. Your friend's energy field is imbalanced.
 - c. Your friend may be currently experiencing a lack of emotions or deep "destructive" emotions.
 - d. Your friend has a "hole" in the Aura that is preventing the flow of energy through the body.
 - e. Both a. and d. are correct.
16. A therapist tells a patient "after our session, a weight will be lifted off your shoulders." The patient tells the therapist that he would like scientific proof of this. What could the therapist do to best illustrate this phenomenon?
- a. The therapist could weigh the patient on a scale before and after the session.
 - b. The therapist could measure the electrical conductance of the body, before and after the session, by having the patient hold positive and negative electrodes in his hands.
 - c. The therapist could measure the electrical field strength (voltage) outside the body at the back of the head, neck and shoulders, before and after the session.
 - d. The therapist could measure the magnetic field strength (gauss) in the room before and after the session.
17. The fact that psychics usually observe other people's past experiences from the point of view of the person experiencing it, rather than from an objective, universal perspective, provides support for which of the following theories:
- a. Psychics can tune into the pineal body of any person to extract information.
 - b. Personal memories are stored in the human energy field rather than the Akashic Record.
 - c. Since the mind is outside of the physical space-time continuum, the observer and participant are one and the same.
 - d. Quantum particles travel faster than the speed of light.
18. Mental imagery is never quite as clear as direct optical visualization because:
- a. Magnetic induction of energy information does not stimulate the brain's visual cortex to the same extent as direct electrical conduction through the optic nerve.
 - b. Conduction via the optic nerve produces resonance with the central brain centers responsible for memory storage, whereas mental imagery does not induce resonance.

- c. The visual centers of the brain are stimulated by light in the visible spectrum much more than other electromagnetic waves.
 - d. Mental imagery is achieved through the pineal body alone, without the aid of the brain's visual centers, unlike direct visualization.
19. It does not matter if Jesus Christ physically died on the crucifix and was resurrected; the fact that so many believe that it did occur, makes this event a reality. Which principle best explains this concept?
- a. Mass consciousness of sufficient intensity is self-perpetuating, such that it entrains the conscious minds of those tuned into its frequency.
 - b. Through applications of potential mass theory, any idea with sufficient intensity (voltage) can be manifested into form, regardless of where the idea is projected into the universal space-time continuum.
 - c. The thought forms of masses of like-minded people attract to form "pools" of group consciousness; depending on intensity, such pools are essentially alive, and can contribute to or form its own unconscious archetype.
 - d. Beliefs form reality, regardless of whether the reality lies within the physical or non-physical spheres of existence.
20. You have an oscilloscope and are able to view the waveforms of bioenergy fields in real time. A person comes to your office and complains of severe stomach pains; you attach your antenna to the oscilloscope and the display shows an irregular waveform pattern with peaks at 30 and 210 degrees. You have a frequency generator that you can use to deliver modulated waves to the person's energy field to heal the affliction; the wave pattern you would generate has peaks at ___ and ___ degrees.
- a. 120, 300.
 - b. 30, 120.
 - c. -150, 30.
 - d. 210, 30.
 - e. Both c. and d. are correct.

3. You are a paranormal investigator. You receive a call from a distressed family that claims to be a victim of poltergeist activity. You pack your ambient voltmeter into your briefcase and go to the house. While there, you observe cabinet doors swinging gently back and forth. You turn on your voltmeter and you observe relatively high voltage measurements in the air. Then all of a sudden a door slams on its own, you observe a stable reading of 50 mV on your voltmeter, and you see a clear, gelatinous substance laying on the floor. Explain the likely reason as to why the substance is on the floor, and predict how much the substance weighs (in kilograms). Assume that 50% of the voltage potential is converted to mass. Show all calculations. **(10 points)**
4. You are taking a business class with a boring professor who speaks in a monotone voice. During one lecture, you can't help falling into a deep daydream of your beach house next to the ocean. After what seems to be at least 15 minutes, you find yourself snapped back quickly when the professor calls on you to respond to a question. You look at the clock and only one minute has elapsed since you fell into your daydream. Explain the mechanics of how you felt more time than really elapsed, and calculate your theoretical level of consciousness during your daydream. **(10 points)**

5. There are people who have not experienced illness of any kind in decades. These people will even ingest substances that are known to be poisonous in low or moderate quantities, including cyanide and poisonous mushrooms, without any adverse affects. Explain how a person can achieve and maintain this level of physical health, and defy toxicological explanation by consuming poisons. In addition, explain how such people view the possibility of themselves becoming ill from a philosophical perspective, and how this perspective may be utilized to help your own family, friends, and patients (note: ITEM does condone subjecting oneself to toxins, poisons, or anything unnatural for the body, but acknowledges that others have done so without ill effects). **(10 points)**