**Assessment**

**Unit 4: Human Factors: HIT Design and Complexity**

Quiz

Directions: Select the most appropriate answer.

1. Human factors is the study of interactions of humans and other elements of a
   1. system
   2. process
   3. design
   4. team
2. Another name for the science of human factors is
   1. Performance
   2. Ergonomics
   3. Reliability
   4. Teamwork
3. Cognitive ergonomics is concerned with
   1. Human anatomy
   2. Physical activity
   3. Movement
   4. Memory
4. The following is relevant to physical ergonomics
   1. Mental workload
   2. Decision-making
   3. Workplace layout
   4. Teamwork
5. The following is a relevant to organizational ergonomics
   1. Mental workload
   2. Teamwork
   3. Decision-making
   4. Training
6. A “person approach” to error
   1. Blames the individual
   2. Blames the system
   3. Is blame-free
   4. Blames the interaction of the individual with the system

Indicate whether each statement is True or False.

1. The same set of circumstances can provoke similar errors, regardless of the people involved.

True

False

1. Active failures occur at the blunt end and are removed from the direct control of the operator.

True

False

1. An example of a latent error is a design flaw caused the breaks to fail, the driver to lose control of the vehicle, and the vehicle to crash.

True

False

1. The SEIPPS model is a model of work system design for patient safety.

True

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Unit 4 Quiz Answers

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