



IE-341

Section 1, CRN: 30512

Section 2, CRN: 30515

First Semester 1432-33 H (Fall-2011) – 3(2,1,2)

HUMAN FACTORS ENGINEERING

Saturday, Oct 1, 2011 (3/11/1432H)

Quiz 1 ANSWERS

Name:	Student Number: 42
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Answer the following questions True (T) or False (F) Questions

1. The reliability of a system consisting of three components connected in series is greater than that of only two components connected in series. **F**
2. The maximum reliability of a system is usually much lower than the reliability of the human component. **T**
3. Ergonomics involves measuring people's physical sizes and limitations. **F**
4. Human Factors Engineering is mainly a list of guidelines and checklists. **F**
5. Human Machine systems consist of humans, machines and their interaction. **T**
6. A manual human machine system involves no automation. **T**
7. Success ratio measures the number of times of failure during continuous operation. **F**
8. An example of an open-loop system is cruise-controlled car operation. **T**
9. Components are at the highest level of analysis in a human-machine system. **F**
10. The profession of Human Factors is less than 100 years old. **T**