

IE-341

Section 1, CRN: 30512; Section 2, CRN: 30515; Section 3, CRN: 38299

First Semester 1433-34 H (Fall-2012) – 3(2,1,2)

HUMAN FACTORS ENGINEERING

Wednesday, Oct 10, 2012 (24/11/1433H)

Quiz 3 **ANSWERS**

Name: Ahmed M. El-Sherbeeney	Student Number: 4	Section: 9:00 / 10:00 / 11:00
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Fill in the blanks. [1 point each]

- Information Processing is also known as ...
Cognitive Psychology/Cognitive Engineering/Engineering Psychology
- The Hick-Hyman Law is an example of ... experiments.
Choice-Reaction Time
- In the information theory, information is defined as the reduction of ...
uncertainty
- The maximum amount of information is achieved with ... alternatives.
equally-likely
- The original source of information is referred to as the ...
distal stimulus
- Temperature is an example of ... information. **quantitative**
- Traffic lanes are an example of ... information. **identification**
- The ... of codes helps you differentiate symbols from one another.
discriminability
- Proper choice of the right type of stimulus for a certain task is called ... compatibility. **modality**
- The maximum amount of information required to choose between 8 equally likely alternatives is ... Bits. **$\log_2 8 = 3$**