

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-Sherbeeny, PhD	Student Number: 4	Section: 9:00 / 10:00 / 11:00
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Fill in the blanks. [1 point each]

- Most of the information theory concepts are ... **descriptive/qualitative**.
- In ... law, reaction time is measured for a variable number of stimuli.
Hick's
- The amount of information from a ... event is not usually significant.
single/individual, non-equally
- Departure from maximal information is referred to as ...
redundancy
- Any indirect method of presenting information is referred to as a ...
display
- Information that changes continually with time is called ... information.
dynamic
- The condition of a system is an example of ... information.
status
- Displaying symbols instead of the original stimulus is called ...
coding
- How meaningful symbols are to people who use them is called ... compatibility.
conceptual
- The maximum amount of information required to choose between 16 equally likely alternatives is ... Bits.
 $\log_2 16 = 4$