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Pop Quiz 06

Multiple Choice

4/6 points (graded)

In the following, write your BRACU ID# and section number first. After you submit the quiz, it will show that the ID# and Section numbers are wrong. Please ignore this messages. You score will based on the MCQs only.

=====

Your BracU ID #

19101239



Your Theory class section #:

1

2



☐ 3☐ 4☐ 5☒ 6

Below are the MCQs:

=====

Q#1: What is the name of the convention of the following representation:

$$\pm(0.1d_1d_2d_3 \dots\dots\dots d_m)_\beta\beta^e?$$

☒ Denormalized☐ Normalized

Q#2: According to the IEEE standard for Double precision, what are the number of bits for sign, exponent and mantissa?:

☐ s=1,e=52,f=11☒ s=1, e=11, f=52☐ s=0, e=11, f=52



Q#3: If we increase the precision then we cannot represent more numbers in the number line.:

☐ True

☒ False



Q#4: The value of 2^{1025} is reserved for:

☐ ± 0

☐ $+0$ and $-\infty$

☐ -0 and $+\infty$

☒ $\pm\infty$



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