

6th Ed. Associate CET Study Guide Errata Sheet

An updated version of the Associate CET Study Guide Errata Sheet can be found online at www.eta-i.org/6thEdASTErrataSheet.pdf

 $R.I = 3000\Omega$

Resonance, Page 23

".0159" should be .159 and the square root sign should not be in the third step of the example:

$$f_F = \frac{159}{\sqrt{(2 \times 10^{-4}) \times (2 \times 10^{-15})}}$$

$$f_F = \frac{159 \times 10^{-3}}{\sqrt{4 \times 10^{-34}}}$$

$$f_F = \frac{159 \times 10^{-3}}{2 \times 10^{-2}}$$

A further remark on the solution:

If you remember your order of math operation rules and your common denominator rules, use your calculator strokes as:

Take vLC as 200mH times 200mF (or .0002 times .00000000002 on your calculator). You then keystroke the v (square root) key, resulting in .0000002 (or 2 x10-7 as you see in the equation).

Then you multiply .0000002 to 2 to the # button on your culculator. This results in .000001256637061 on the screen, your denominator. Then you keystroke the L/X button resulting in 795,774.7154594766. Recall your answer choices above and the possible in T95 kHdz.

Be sure you know your Electronics Units!

AC Circuit Operations, Page 47

"13.2KO" should be 132.6KO in the formula below:

$$XC = \frac{1}{6.28 * 30 \times 10^{3} * 40 \times 10^{43} = 132.6 \text{K } \Omega}$$

AC Circuit Operations, Page 48

"W" should be an "Q" symbol in R1, X,, and X,, below:

Source Voltage = 120V Source Frequency = 50 KHz L.1 = 10mHC1 = 100 pF

BASED ON THE VALUES GIVEN

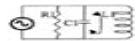
$$X_{xx} = 6.28 * (50 \times 10^{\circ}) * (10 \times 10^{\circ}) = 3.14 \text{K}\Omega$$

 $X_{C_3} = 1 / 6.28^{\circ} (50 \times 10^7)^{\circ}$ $(100 \times 10^{-C}) = 31.8 \text{K}\Omega$

$$I_{c_2} = V_v/X_{c_2} = 3.77 \text{mA}$$

$$L_{\perp} = V_{\perp}/X_{\perp} = 38.2 \text{m/}$$

$$t_r = \sqrt{t_{T^2 + I_{2NST}}^2} = 401 \text{mA}$$



 $I_{ci} = V_v/X_{ci} = 38.2 \text{mA}$ I_{out} represents only the out-of-phase currents

I vost - Difference between the Inductive and Capacitive Currents

Semiconductors, Page 74

"(highest voltage gain)" should be under #2 (not #1) and input should be "output" under #3:

- Common emitter like the circuit in Fig. 16.
- Common base where the input signal is applied to the emitter rather than the base (highest voltage gain)
- 3. Common collector has high input impedance (and low output impedance)

Chapter 9 Oniz, Page 78 #9 - C

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Yan Bai

Associate Cet Study Guide 6th Ed:

Unveiling the Energy of Verbal Beauty: An Psychological Sojourn through Associate Cet Study Guide 6th Ed

In a world inundated with monitors and the cacophony of fast communication, the profound energy and emotional resonance of verbal beauty usually disappear in to obscurity, eclipsed by the regular onslaught of sound and distractions. Yet, nestled within the lyrical pages of **Associate Cet Study Guide 6th Ed**, a fascinating function of fictional beauty that impulses with natural thoughts, lies an unforgettable journey waiting to be embarked upon. Composed by a virtuoso wordsmith, this enchanting opus books viewers on a mental odyssey, gently revealing the latent potential and profound impact embedded within the elaborate internet of language. Within the heart-wrenching expanse of the evocative examination, we shall embark upon an introspective exploration of the book is central themes, dissect its interesting publishing fashion, and immerse ourselves in the indelible impact it leaves upon the depths of readers souls.

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