Click2Enter, Inc.
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Technician/Contractor Competency Examination

PLEASE PRINT LEGIBLY SO WE CAN RETURN YOUR RESULTS TO YOU

Company: _____ Phone - Fax: _____

Address: _____ Email: _____

City, State ZIP: _____ Website: _____

Instructions

Please fill in all of the information above, as this will be used for posting purposes, pending your successful completion of the competency examination. We highly recommend you study the Click2Enter-I.V4 Installer's Guide prior to taking this examination. The answers to the questions below can be found in the guide or on the website. Once you have completed the test sign, date, and return to Click2Enter, Inc. for grading (see contact information above). Once your test has been graded and approved we will identify your company on our website with a special character to set you apart from others who have not passed this examination. NOTE: You must also submit the "Website" placement form along with your test for accurate posting (Website placement form can be found on the Click2Enter "Downloads" tab.)

---------- GOOD LUCK! ----------

1) ____ **What is the minimum required power supply operational current rating for the Click2Enter-I.V4?**

   a. 500mA
   b. 300mA
   c. 1000mA

2) ____ **What is the operating DC Voltage range for the Click2Enter-I.V4?**

   a. Between 5V & 15V DC
   b. Between 12V & 24V DC
   c. Between 12V & 30V DC

3) ____ **Since AC line noise can cause operational issues for the Click2Enter-I.V4, what is the best suited type of transformer to prevent this problem?**

   a. Straight DC
   b. Regulated and Filtered DC
   c. Filtered DC

4) ____ **DC Voltage is critical to the operation of the Click2Enter-I.V4, what is the minimum voltage reading you want to see at the circuit board terminal block?**

   a. 11V DC
   b. 12V DC
   c. 11.5V DC

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5) ____ **What is the low end outside temperature barrier that would require the installation and use of the Click2Enter-I.V4 heater kit?**

a. ≤ 15° F
b. ≤ 20° F
c. ≤ 0° F

6) ____ **When the Click2Enter-I.V4 is installed, without a heater kit, in an area or region that experiences sustained outside temperatures at or below its minimum operational range, what symptom/s will you see?**

a. Loss of operational distances or decreased sensitivity (GAIN)
b. Increased operational distances or increased sensitivity (GAIN)
c. Complete failure; Click2Enter will not operate

7) ____ **Since plug-in style transformers are not well suited for supplying voltages over long distances, what is/are the recommended wire size diameters for optimal performance?**

a. Between 18AWG and 20AWG
b. Between 11AWG and 13AWG
c. Between 14AWG and 16AWG

8) ____ **The "TEST BUTTON" on the circuit board accommodates what function related to testing the Click2Enter-I.V4?**

a. Toggles or activates the gate (A) Relay
b. Toggles from the MAIN frequency bank to the TEST frequency bank (GRN LED blinks)
c. Forces the devices into an activation sequence with the RED LED blinking

9) ____ **When closing the door to the enclosure what separation distance is recommend for optimum performance?**

a. The thickness of a piece of paper
b. The thickness of a standard business card
c. The thickness of cardboard box edge

10) ____ **The Click2Enter-I.V4 unit has both LED's blinking at the same time, which indicates that the unit has recently been exposed to a voltage interruption or surge. What must you do, prior to calling for technical support, to correct this situation? (Hint; check our web-site)**

a. Remove the power (turn the unit off) and rest it for 1 minute. Once power is re-applied and only the GREEN Power LED is operational, test for a response with a radio
b. Open the enclosure door push and release the "Test Button" to see if both LED's stop blinking. If so then test for a response with a radio

11) ____ **What type of interface cable is required to program the Click2Enter-I.V4?**

a. Standard USB cable
b. Standard USB to MINI USB cable
c. Male to Female DB-9 Serial NO NULL (straight through) cable

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12) ____ **When manually programming the Click2Enter-I.V4, what are the required Tera Term serial port settings?**

a. 9600 BPS/Eight Data Bits/No Parity/One Stop Bit/X-on X-off Flow Control/Transmit Delay 350x250

b. 14400 BPS/Eight Data Bits/Odd Parity/Two Stop Bits/Hardware Flow Control/Transmit Delay 100x100

c. 57600 BPS/Seven Data Bits/No-Parity/One Stop Bit/X-on X-off Flow Control/transmit Delay 250x250

13) ____ **How many channels (frequencies) can be programmed into the Click2enter-I.V4?**

a. 75

b. 100

c. 50

14) ____ **When working with duplex radio systems, mobile or portable, which frequency does the Click2Enter-I.V4 need to operate?**

a. Transmit TX (repeater input)

b. Receive RX (repeater output)

c. Both Transmit TX and Receive RX

15) ____ **What does DPL stand for?**

a. Dynamic Programming Language

b. Digital Private Line Coding

c. Direct Play Linkage

16) ____ **When mounting the Click2Enter-I.V4 what is a critical factor to be considered?**

a. Placement in order to allow for a clear and direct view of the unit so the responding authorized public safety user/s can see the RED activation LED

b. Concealment to keep the unit from being seen by the responding public safety user/s

c. Mounting the C2E unit so it is out of reach, thus minimizing the possibility of vandalism

17) ____ **What are the actual acceptable minimum GAIN (range) and maximum GAIN (range) values for the Click2Enter-I.V4?**

a. 01 lower end and 90 upper end

b. 10 lower end and 100 upper end

c. 04 lower end and 100 upper end

18) ____ **What is the nominal (idling) operational current demand of the Click2Enter-I.V4 with 12V DC applied?**

a. ≈ 160mA

b. ≈ 198mA

c. ≈ 100mA

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19) ____ **What three files must be downloaded to use the Click2Enter-I.V4 Tools V4 Program, and in what order?**

a. 1) TeraTerm V4.78 2) C2E Tools V4 Installer 3) USB Cable Drivers
b. 1) C2E Tools V4 Installer 2) USB Cable Drivers 3) TeraTerm V4.78
c. I can use my previously installed C2E tools package to program the new Click2Enter-I.V4

20) ____ **Where can you find the software needed to program the Click2Enter-I.V4?**

a. Buy it at the local office supply store
b. Download it for free under the "Support" & "Downloads" tabs at www.click2enter.net
c. Call Click2Enter for technical support and have them send it to you

21) ____ **You have a Click2Enter unit that is not working properly and you want to return it to Click2Enter for repair, what should you do?**

a. Call Click2Enter for technical support in the field to determine if the unit requires an RMA authorization. Only after that step should you create a trouble ticket at the online support center, which will begin the RMA process
b. Box the unit up and return it to the place you first purchased it
c. Create a trouble ticket in the online Click2Enter Support Center and ship the unit to Click2Enter

22) ____ **The C2E-I.V4 comes equipped with a green ground wire. The proper way to ground the Click2Enter device is to:**

a. Use the green ground wire to attach the unit to utility ground
b. Just stick the green wire into the conduit
c. Ground the unit to a ground rod with no surge protection

Signature: _____ Title: _____

Print Name: _____ Date: _____