TI-Nspire Guru Quiz

Directions: *Choose the best answer from the options given.*

1. In which Application page would you enter data for a scatter plot?

    a) *Calculator*   **b)** *Geometry & Graphs*   **c)** *Lists & Spreadsheets*   **d)** *Data & Statistics*

2. Which of the following locations will allow you to control the operational mode (degrees, radians, reals, float, etc) of the calculator?

    a) System Info   **b)** MODE key   **c)** New Documents   **d)** MENU key

3. To move between pages of a document use

    a) CTRL and NavPad Arrows   **b)** NavPad Arrows   **c)** HOME key   **d)** MENU key

4. The icon in the upper-most right-hand corner of each screen display, tells you the ...

    a) contrast level   **b)** history status   **c)** number of pages   **d)** battery status

5. Which of the following keys can be used to directly insert the mathematical symbol for absolute value, such as | -4 | ?

a)   **b)**   **c)**   **d)**
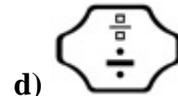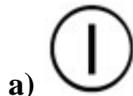
6. Your calculator is set to AUTO and you get a response of 3/5. Which of the following keys can be used to quickly change this fraction to a decimal value?

a)   **b)**   **c)**   **d)**

7. When you are working on a *Calculator* page and you want to clear all of the entries, you press

        a) MENU #1 #5   **b)** CLEAR   **c)** HOME   **d)** ESC

8. The size of a standard window on a *Graphing & Geometry* page is

        a) 10 x 10   **b)** 20 x 13.29   **c)** 6.28 x 4.18   **d)** 7.28 x 5.18

9. When seen in a command line (where you enter your function equations), the symbol tells you that the graph is

        a) hidden   **b)** visible   **c)** in dotted mode   **d)** being traced

10. When tracing a graph to find the *x*-intercept, which of the following letters will appear when the intercept is found?

        a) m   **b)** r   **c)** X   **d)** z

11. To quickly display a table of values to accompany a graph, from the *Graph & Geometry* page you can press

        a) CTRL - G   **b)** CTRL - T   **c)** CTRL - TAB   **d)** CTRL - Z

12. To remove a table of values, you can repeatedly press (3 times),

        a) CTRL - G   **b)** CTRL - T   **c)** CTRL - TAB   **d)** CTRL - Z

13. When finding the maximum value of a graph, which letter(s) will appear when the coordinate is located?

        a) m   **b)** M   **c)** max   **d)** maximum

14. Where will you find the Operating System which is being used on the calculator?

      a) *System Info*   **b)** *System Info*   **c)** *System Info*   **d)** *Calculator*
        #2 System Settings   #3 Handheld   #4 About   Menu #1 Actions
                            Status

15. To close a menu, without taking an action, hit

    a) [clear]   **b)** [esc]   **c)** [enter]   **d)** [sto▶ var]

16. Hitting [ctrl] [<] will create

    a) $\leq$ **b)** $>$ **c)** $\geq$ **d)** $<$

17. To hide the command line, and get a better view of the graph, hit

    a) [clear]   **b)** CTRL - E   **c)** CTRL - F   **d)** CTRL - G

18. When working with lists, be sure to remember to

    a) name the lists   **b)** clear a column,   **c)** start formulas with **d)** do all of these
                          arrow to the top,   an equal sign ($=$)
                          arrow up again,
                          and hit CLEAR

19. To have the calculator find the point of intersection of two lines, go to

      a) MENU   **b)** MENU   **c)** MENU   **d)** MENU
        #1 Point   #1 Actions   #2 View   #6 Points & Lines

20. When graphing, adjust the graph scale settings manually by going to

a) MENU	b) MENU	c) MENU	d) MENU
#1 Actions	#2 View	#4 Window	#5 Trace
#3 Attributes	#7 Show Scale	#1 Window Settings	#2 Trace Settings

21. To undo an entry, hit

       a) TAB   **b)** CTRL - ESC   **c)** CTRL - MENU   **d)** ESC

22. To quickly insert a degree symbol, type

       a) the letter O   **b)** CTRL - O   **c)** CTRL - ⟨'⟩   **d)** CTRL - ⟨"⟩

23. Where will you find the **TOOLS** menu?

       a) CTRL - ESC   **b)** CTRL - TAB   **c)** CTRL - HOME   **d)** CTRL - MENU

24. Under System Info, Document Settings pertain ONLY to the document in which you are working. These settings will not be carried over into the next new document.

       a) True   **b)** False

25. To solve the equation $2x + 1 = 13$ on the calculator, you can

a) use nSolve nSolve(2x+1=13,x)	**b)** graph the left side in *f1(x),* graph the right side in *f2(x)*, find the intersection point.	**c)** do both of the first two options	**d)** not do either of the first two options