\*\*Revised General Question Set\*\*

Already Known Information

1. What is your current program of study/profession?

1. Since our last interview, have you used a Scientific Calculator, whether online or handheld? If so, did you discover any functions or services you felt were indispensable, or some functions you felt were lacking?

2. How much experience do you have in this field of study/work?

3. Do you enjoy your studies/work? If yes, which part interests you the most? If no, what do you not like about it?

4. What tasks or jobs would you say you mostly do in your field of study/work?

5. Can you tell me some of your likes and dislikes and what you enjoy doing?

6. What are your values when it comes to your field of study?

7. What occupation are you aiming towards, if you are not already employed?

8. What skills have you been developing which you feel will be the most important for this future career?

9. What are your current goals for yourself? If you have none, do you think you will have some in the future?

10. Do you prefer to use to use the hand-held Calculator or computer Calculator?

10. In your opinion, what are the positive aspects of using a handheld Calculator over a computer Calculator? And what are some of the negative aspects?

11. Do you have experience using the command line of your computer? And using a Calculator on your computer?

11. Would you say you would feel more comfortable using a computer Calculator with a digital user interface over using the command line? If yes, what aspects or services would you like to see included in the interface?

12. Are you comfortable enough to use a Calculator without a Graphical Interface and just with the command line?

13. Currently, my team and I are designing a Scientific Calculator and we are hoping to get your input to improve our design. How much experience do you have with a Scientific Calculator, and how often do you use one?

14. Are there any functions you feel should be included in a Scientific Calculator but aren’t?

14. Since our last interview, are there any functions you needed but were otherwise not included in your Scientific Calculator. If yes, tell us which ones you would want included, and if not, are there any functions you would like to see included that you did not mention last time?

15. Does your operating system provide any Calculator? if yes, Do you think its functions are enough for you?

16. What function/ functions do you usually need from a Scientific Calculator most

17. Do you think you will use a Scientific Calculator in your field of study and in your future career. If yes, what will some of your uses for it, if no, do you think you would use for personal use?

18. Do you use Scientific Calculator during your work or your exams or your course projects or anything else?

18. Have you had to use your Scientific Calculator in another aspect of your life not mentioned last time, such as besides work or exams? If yes, please elaborate.

19. Our Calculator will include the functions for exponential functions, arccos, log, Gamma, Mean Absolute Deviation, Standard Deviation, sinh and a special exponential function which allows variables and expressions for the base instead of natural numbers. Can you tell us which function you would find most usable for yourself? Why?

19. As was mentioned last time, our Calculator will include the arccos, exponential, log, gamma, mean absolute deviation, standard deviation, sinh and special exponential function, one where you could enter variables and expressions. Have you had to use any of these since our last interview? If yes, which ones and how? If not, then which ones would you be most likely to use?

20. If no, is it because you don’t see yourself using any of the functions mentioned, or some other reason?

21. How familiar are you with these functions and how they work?

22. Do you think it is necessary that a Scientific Calculator should take a function as input?

22. We asked in our last interview if you felt a Scientific Calculator should take a function as input. Is this a feature you would find useful? If so, what types of functions would you normally input?

23. Are there any features you would like to see included in this Calculator that you think would make the design better?

23. Are there any new features you would like to see included in our Calculator that you did not mention last time? If you cannot remember, then just describe any features you would like to see included.

24. What should the precision for a Scientific Calculator be?

24. We previously asked what precision most people would like for a Scientific Calculator. Would you use or recommend our Calculator less if answers could not be viewed in fractional format, but instead provided more than 10 points in precision?

25. When using a Calculator do you prefer to receive a step-by-step solution or simply a final answer?

25. We also asked if users would like to see a step-by-step solution to a function when using a Calculator. However, there are a few functions where the work is not easily displayed. Can you think of a function that you know of, or out of the ones mentioned earlier that you would like to see a step-by-step solution for?

26. Do you think a history is essential for a Calculator? If yes, how big should the history be?

26. Many users also expressed interest in a history for a Calculator. The history shown for our Calculator displays the function used with values and the answer. Is there something else you feel needs to be displayed in history or something to be included? If yes, please elaborate.

27. Do you have any positive experiences with a Scientific Calculator, if yes please elaborate?

28. Do you have any negative experiences with a Scientific Calculator, if yes please elaborate?

29. In your opinion, what would improve your experience when using a Scientific Calculator on a computer? What features would improve its usage for you?

29. In your opinion, are there any features, besides the ones already mentioned, that you think would improve our Scientific Calculator, or improve its usage to you?