VIGvisual Evaluation-MA3203

For each statement, please circle one of the choices.

1. The demo mode of the VIGvisual helped me to better understand how to encrypt and decrypt messages with the Vigenere Cipher.
   1=Strongly Disagree  2=Disagree  3=Neutral  4=Agree  5=Strongly Agree

2. The practice mode of the VIGvisual helped me to better understand how to encrypt and decrypt messages with the Vigenere Cipher.
   1=Strongly Disagree  2=Disagree  3=Neutral  4=Agree  5=Strongly Agree

3. The following tool was most useful in helping me to understand how to encrypt and decrypt messages with the Vigenere Cipher. Select all that apply.
   Table  Disk  Slider

4. VIGvisual helped me to better understand how to use the Kasiski method to find the keyword length.
   1=Strongly Disagree  2=Disagree  3=Neutral  4=Agree  5=Strongly Agree

5. VIGvisual helped me to better understand how to use the Index of Coincidence method to find the keyword length.
   1=Strongly Disagree  2=Disagree  3=Neutral  4=Agree  5=Strongly Agree

6. VIGvisual helped me to better understand how to use the $\chi^2$ method to recover the keyword.
   1=Strongly Disagree  2=Disagree  3=Neutral  4=Agree  5=Strongly Agree

7. I understood how to attack the Vigenere Cipher more after I was able to use VIGvisual.
   1=Strongly Disagree  2=Disagree  3=Neutral  4=Agree  5=Strongly Agree

8. The practice mode was helpful for my self-study.
   1=Strongly Disagree  2=Disagree  3=Neutral  4=Agree  5=Strongly Agree

9. By using VIGvisual, I was able to identify the parts of the Vigenere Cryptosystem that I did not understand.
   1=Strongly Disagree  2=Disagree  3=Neutral  4=Agree  5=Strongly Agree
10. VIGvisual enhanced the course in general.
1=Strongly Disagree  2=Disagree  3=Neutral  4=Agree  5=Strongly Agree

11. How long did it take you to understand the Vigenere Cipher by using the software?
1=Less Than Five Minutes  2=Five to Ten Minutes  3=Ten to Fifteen Minutes
4=Fifteen to Thirty Minutes  5=More than Thirty Minutes

12. How often did you use this software when studying the Vigenere Cipher?
1=Only Once  2=One to Three Times  3=Three to Five Times
4=Five to Ten Times  5=More than Ten Times

13. How long did you use this software totally?
1=Only Once  2=One to Three Times  3=Three to Five Times
4=Five to Ten Times  5=More than Ten Times

Please answer each question.

1. Please evaluate and comment on the Kasiski tab for finding the keyword length. Was this component of the program easy to understand and use? Did it enhance your learning?

2. Please evaluate and comment on the IOC tab for finding the keyword length. Was this component easy to understand and use? Did it enhance your learning?
3. Please evaluate and comment on the Keyword Recovery Tab. Was this component easy to understand and use? Did it enhance your learning?

4. Please evaluate and comment on the layout of the program.

5. Did the demo version of VIGvisual used in the class presentation help you understand the Vigenere cipher (including how to break it) better than the use of the blackboard? Please name the most and least effective parts, and provide your comments.

6. Are there any new features you wish to be added to make this program better and more effective?
7. Did you install the software on your computer? If so, which operating system did you use? Did you encounter any problems when installing the software on your computer? Please explain.

8. What is your major?