How are Question A and B related?
Question A will ask if you do an activity and Question B will ask if you don't do the same activity.

Subject acknowledges survey and starts survey

Subject will fill out demographic information if requested

A bernoulli r.v. with mean p will be generated, let's call it B.

Subject will be directed to one of two screens based on what the value of the B. If it is a 1 then they will get question A screen, otherwise they will get question B screen.

Subject will be asked Question A

Subject will be asked Question B

Subject will give answer (yes or no) and survey will end