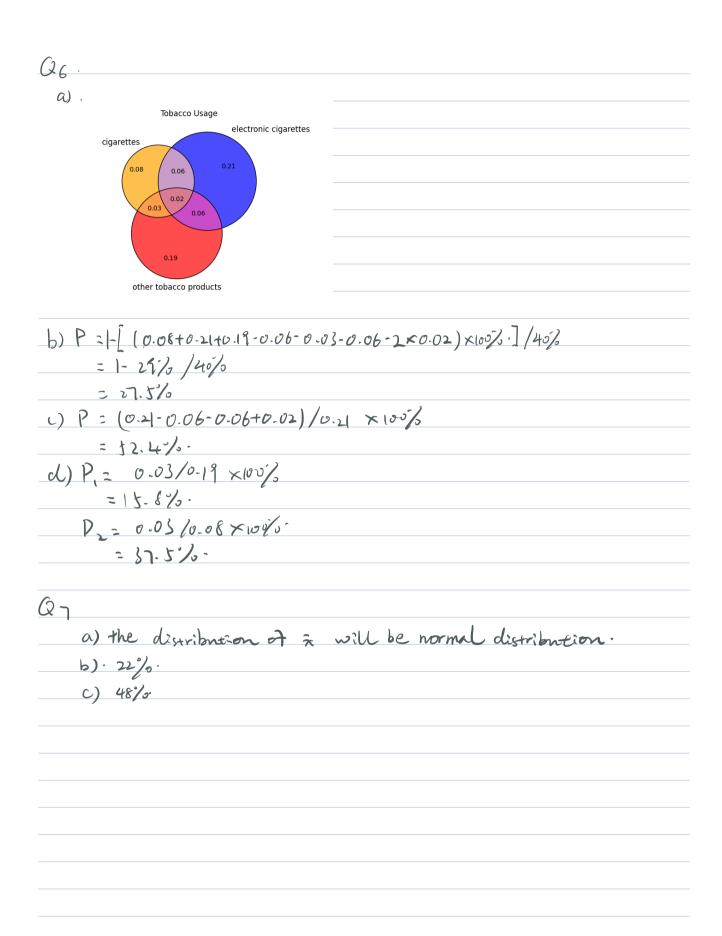
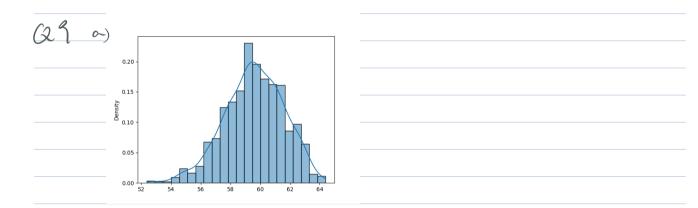
\mathcal{Q}_{\bullet}
a) the driving vonditions.
b) driving accuracy
c) Single-blind Because the driver obviously know his/her driving
condition but the evaluator doesn't.
d) Neither. These wo drivers are not divided into groups.
Q ₂ .
No. Because for those people who have vitamins cares for their
health and possibly live a healthier lifestyle than those who
don't take vitamin. It is possible that they lost most weight
because they have more exercise time or have diet. All those
reason can be confounding variables.
Q _y
a) random sampling. No, it will not result in bins.
b) block. No.
c) cluster. Yes.
\wedge
Qt
c) 16.0%
b) None: 28-7/0
<1/3:36.4%
/3 to 2/3: 21.0%
72/3:13.9%
() No. After adding throny wer, clear damage decrease as the
cover area increase.



X8 W NU	gative:	positive
- 0	3 8	0234
-1	008	17
-2	011223552	2 2-
-3	01368	
-4	0347799	These data does not follow normal distribution
-3	12233679	·
-6	25588	
-1	08	
- 8	3	
b) =	= -3.69	
(2.	576 × 2-5)/J4	7=0.94.
_	94/3.69 ×100%	

L) Yes. For the 99% confidence interval, the probability is 9%.



h) the 95% confidence interval is [tt.30,63.12].

Ancient air differs significantly from present atomsphere.