

Q.)

a) Population Mean = simple random samples of 64.

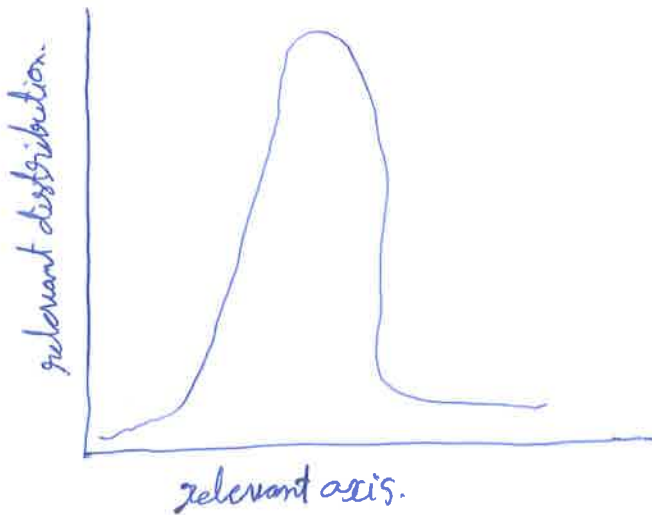
Sample Mean = 64 regular users.

b) Null hypothesis: - A simple random sample is ≤ 64

Alternative hypothesis: - A simple random sample is ≥ 64 .

c) Standard error is 64 which is the total sample mean.

c)



92)

a) $P(A) = 0.8$

$$P(B) = 0.2$$

$$A^c = 0.9$$

$$P(A^c) = 0.1$$

b) Posterior Probability = $P(B|A) P(A)$

c) $P(A|B) = \frac{P(B|A) P(A)}{P(B|A) P(A) + P(B|A^c) P(A^c)}$