Answer Format for Questions without Solutions:

Question 6b

Intercept: The mean LNSBP for individuals with normal BMI

Overweight: The difference between the mean LNSBP for overweight individuals and the mean LNSBP for normal individuals

Obese: The difference between the mean LNSBP for obese individuals and the mean LNSBP for normal individuals

Question 9c

Among individuals with BPMEDS = No/Yes, for each 1 mm/Hg increase in BMI, the mean LNSBP is expected to ____ by _____.

Question 12b

The mean LNSBP among individuals with PREVSTRK = Yes is estimated to be ____ units _____ than that among individuals with PREVSTRK = No.

Question 15b

Holding all other variables constant, the mean LNSBP among individuals with PREVSTRK = Yes is estimated to be ____ units _____ than that among individuals with PREVSTRK = No.

Holding all other variables constant, for each 1 year increase in AGE the mean LNSBP estimated to ____ by _____ units.

Question 15c

LNSBP = B0 + Bp(PREVSTRK) + Ba(AGE) + Bb(BMI) + Bm(BPMEDS) + Bint(BMI)(BPMEDS)

Question 15d

Intercept is the mean LNSBP for individuals with BMI = 0 and AGE = 0 who have not had a previous stroke and are not on BPMEDS. This is not meaningful since AGE and BMI cannot be zero.

Question 15e

EQ BPMEDS = No: LNSBP = B0 + Bp(PREVSTRK) + Ba(AGE) + Bb(BMI)

Interpret: Holding all other variables constant, among individuals with BPMEDS = No, for each 1 mm/Hg increase in BMI, the mean LNSBP is expected to ____ by _____.

Question 15f

EQ BPMEDS = Yes: LNSBP = (B0 + Bm) + Bp(PREVSTRK) + Ba(AGE) + (Bb+Bint)(BMI)

Interpret: Holding all other variables constant, among individuals with BPMEDS = Yes, for each 1 mm/Hg increase in BMI, the mean LNSBP is expected to ____ by _____.