Time: 1 hour   Marks: 20

(Marks) (BL)(CO)

Q.1. Answer any Five of the following.

1) What are limited dependent variables?   (2)(1)(1)

2) P_i= Probability that Y_i=1 and (1- P_i) is probability that Y_i=0, Explain.   (2)(2)(1)

3) How Linear Probability Model violates property of probability?   (2)(1)(1)

4) Explain Latent variables with the help of an example.   (2)(1)(1)

5) What is the Probit Model?   (2)(1)(1)

6) Give any five Examples of limited dependent variables.   (2)(1)(1)

Q.2. Explain logit Model = $P_i = \frac{1}{1+e^{-Z}}$ (5)(2)(1)

Q.3. What is Tobit Model? How will you Interpret probit model?   (5)(1)(1)