Goa Vidyaprasarak Mandal's
Gopal Govind Poy Raiturcar College of Commerce and Economics
Farmagudi, Ponda-Goa

M.Com. Semester IV
ISA I February 2024
COM 603: Advanced Econometrics

Time: 1 hour | Marks: 20

Q.1. Answer any Five of the following. (2 mark each)
1) What are limited dependent variables?
2) P_i= Probability that Y_i=1 and $(1- P_i)$ is probability that Y_i=0, Explain.
3) How Linear Probability Model violates property of probability?
4) How Non-normality of U_i (disturbance) occurs in LPM?
5) What is Tobit Model?
6) Give any five Examples of limited dependent variables.

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

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