

**G.V.M.'s Gopal Govind Poy Raiturcar College of
Commerce and Economics, Ponda Goa**

M.Com. Semester IV

ISA I February 2025

COM 603: Advanced Econometrics

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)