

7. If the equation is over identified the appropriate method to be used :

- (a) MLM. (b) 2SLS.
(c) 3SLS. (d) ILS.

8. The order condition for identification is :

- (a) $(K-M) > (G-1)$. (b) $(K-M) < (G-1)$.
(c) $(K-M) > (G-1)$. (d) $(K-M) < (G-1)$.

C. Fill in the blanks :

9. Confluence analysis is associated with _____

10. Regression models that take into account time lags are known as _____

11. In the case of Heteroscedasticity the variance of u is _____

12. Asymptotic properties are associated with _____

D. State whether the following statements are True or False :-

13. The repeated surveys of a single sample in different periods of time is called panel data.

14. Expected value is not equal to the true value is known as unbiased.

15. The qualitative factors cannot be measured with the help of dummy variable.

16. The reduced form method is also known as 2SLS.

(16 x $\frac{1}{4}$ = 4 weightage)

Part B

*Answer any ten questions.
Each question carries a weightage of 2.*

17. Define Econometrics. Explain its significance.

18. What are the sources of data for econometric analysis ?

19. Explain the limitations of Econometric methods.

20. Briefly explain the estimation procedure involved in OLS method.

21. Explain the properties of OLS estimators.

22. What are the consequences of Heteroscedasticity ?

23. What is autocorrelation ? What are its sources and consequences ?

24. Write short note on dummy variable regression method.

25. Explain Logit model.

26. What is simultaneous equation bias ?

27. Explain order condition for identification.

28. What are the prominent econometric methods to estimate production function ?

(10 x 2 = 20 weightage)

Part C

*Answer any **three** questions.
Each question carries a weightage of 4.*

29. Explain in detail the methodology of econometrics.
30. What are the sources of Multicollinearity ? How to detect it ? Suggest remedial measures.
31. Explain the Probit model and its estimation procedure.
32. Explain indirect least squares method.
33. How to estimate and interpret cost function using econometric techniques ?

(3 x 4 = 12 weightage)