

2019

MA/MSc

4TH Semester Examination

ECONOMICS

PAPER – ECO-402A

Full Marks : 50

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Group-A

1. Answer any **TWO** questions: 2x2
- a) Distinguish between CAGR and EAGR.
 - b) Distinguish between intercept dummy and slope dummy.
 - c) What do you mean by sustainable development?
 - d) Discuss some reasons behind crop diversification in Indian agriculture.
2. Answer any **ONE** question: 1x6
- a) A log quadratic function of the form $\ln Y = a + bt + ct^2$ is fit for Indian data on the part of GDP coming from agriculture for the period 1950-51 to 2012-13 and the following estimate are obtained: $\hat{a} = 7.0919$ $\hat{b} = 0.0190$ $\hat{c} = 0.00012$ $R^2 = 0.9908$ $\text{Adj } R^2 = 0.9905$, $F = 3239.37$ $P(F) = 7.56 \text{ E-}62$. Interpret the results.
 - b) Does farm size have any impact on efficiency in agriculture? Explain.
3. Answer any **ONE** question: 1x10
- a) Write a brief note on the nature and extent of fluctuation in Indian agriculture in the post independence period.
 - b) Discuss the issue of managing growth with equity highlighting (a) Food Security and (b) inclusive agricultural growth. 5+5

Group-B

4. Answer any **TWO** out of the following : 2x2=4
- a) Explain briefly the institutional factors affecting agriculture in India.
 - b) Explain how co-operative farming help agricultural development.
 - c) Distinguish between production and income aspects of measurement of Multisectoral TOT.
 - d) Briefly discuss the debate on the trends of TOT of agriculture in India?
5. Answer any **ONE** of the following 6x1=6
- a) Explain how the parameters of A K Sen's model of utilisation of labour vary across different modes of production.
 - b) Briefly explain the SR and LR trends of agricultural TOT in dual economy framework in India.
6. Answer any **ONE** of the following 10x1=10
- a) Critically examine the role of FDI in agricultural development in a developing economy like India.
 - b) Explain the important features of the trend of Multisectoral TOT in India.

(Internal Assessment : 10 Marks)