2018

M.A. / M.Sc.

2nd Semester Examination

ECONOMICS

PAPER—ECO-202

Subject Code—04

Full Marks : 40

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 :   2×2

   (a) What is σ-Convergence ?

   (b) According to Robinson identify the determinants of equilibrium growth.

(c) Estimate the growth rate of the economy where the propensity to save is 30 per cent and output-capital ratio is 0.25.

(d) Distinguish between creeping platinum age and galloping platinum age.

2. Answer any *one* question :   1×6

(a) Write down the important features of Limping Golden Age and Leaden Age as described in Robinson's growth model.

(b) Illustrate the absolute and conditional convergence of growth.

3. Answer any *one* question :   1×10

(a) Estimate the time path of capital and explain the stability condition in Solow growth model.

(b) Briefly explain the theory of distribution of Kaldor. Estimate the share of profit and wage after correction made by A. K. Sen.

Group—B

4. Answer any *two* questions :   2×2

    (a) Define steady state growth in Solow model.

    (b) Explain the significance of Inada conditions.

    (c) Define endogenous growth and explain its requirements.

    (d) What is human Capital in growth theory ?

5. Answer any *one* question :   1×6

    (a) Discuss the Barro model of endogenous growth with government spending.

    (b) Analyse endogenous growth with human Capital in one-sector model.

6. Answer any *one* question :   1×10

    (a) Give an outline of Ramsey model of optimal savings.

(b) Show, using theoretical model, how the use of conservation capital can ensure sustainable growth in the economy.

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