**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU -27**

Registration Number:

Date & Session

**B.Sc Economics – 6th SEMESTER**

**SEMESTER EXAMINATION: APRIL 2024**

**(Examination conducted in May /June 2024)**

**ECS 6123: ECONOMICS OF GROWTH AND DEVELOPMENT**

**(For current batch students only)**

**Time: 2 Hours Max Marks: 60**

**This paper contains 2 printed pages and 3 parts**

**PART-A**

**Answer any TEN of the following 3 X 10=30**

1. Differentiate between exogeneous and endogenous growth models.
2. Write a note on Gender Development Index (GDI).
3. Explain Hirschman’s backward and forward linkages in the context of Unbalanced growth theory.
4. What are the issues that need to be considered while constructing the poverty line?
5. What do you mean by low-level equilibrium trap?
6. Write a note on Kuznets curve.
7. State the limitations of Lewis model.
8. What do you mean by Total Factor Productivity Growth (TFPG)?
9. What do you mean by demographic dividend?
10. Why might an economic policymaker choose the “Golden Rule level of capital”?
11. What is surplus labour?
12. Explain the concept of knife-edge instability.

**PART-B**

**Answer any THREE of the following 5 X 3=15**

1. State the differences between growth and development. Define ‘capabilities’ in the context of economic development.
2. State the axioms of inequality measurement and discuss one measure that satisfies all the axioms.
3. What is meant by Lorenz Criterion? What happens to Lorenz Criterion if two Lorenz Curves intersect?
4. Explain the differences between functional and personal income distribution.
5. Consider the production function in the Solow growth model as: Y = K 1/3 L 2/3.

Write the steady-state condition for the Solow model and solve for the steady-state level of capital stock [Assume s = 0.2 (savings rate) and ⸹ = 0.05 (depreciation rate)]. What is the golden rule level of capital for this growth model?

**PART-C**

**Answer any ONE of the following 15 X 1=15**

1. Discuss with a theoretical model, how rural-urban migration causes unemployment in the urban sector. State some policy prescriptions to mitigate unemployment. (10 + 5)
2. Using suitable diagram, explain in detail the steady-state condition in Solow model introducing technological progress.