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

Registration Number:

Date & Session14-12-2022 ( 9am)

**B.Sc – V SEMESTER**

**SEMESTER EXAMINATION: OCTOBER 2022**

**(Examination conducted in December 2022)**

**ECSDE 5318: Economics of Growth and Development**

**Time: 2 ½ Hours Max Marks: 70**

**This paper contains 1 printed page and 3 parts**

**PART A: Answer any TEN of the following 3\*10 = 30**

1. Define demographic dividend.
2. Differentiate between Human Development Index (HDI) and Inequality Adjusted Human Development Index (IHDI).
3. Define absolute and relative poverty. Explain with examples.
4. What is the difference between physical capital and human capital? Explain with examples.
5. What is the difference between warranted rate of growth and natural rate of growth?
6. Explain the difference between absolute and conditional convergence.
7. Discuss how change in population growth affects steady-state level of capital in Solow model.
8. What do you mean by a dual economy model?
9. What is Total Factor Productivity?
10. Differentiate between Kaldor and Pasinetti model of flexible saving ratio.
11. Explain the difference between functional and personal income distribution.
12. What is the difference between exogeneous and endogenous growth theory?

 **PART B: Answer any TWO of the following 2\*5 = 10**

1. What do you mean by critical minimum effort? Explain using Leibenstein’s model.
2. Discuss the different phases of transformation that agriculture faces, when labour is transferred from agriculture to modern sector.
3. Discuss the axioms of inequality and discuss one measure that satisfies all the axioms.

**PART C: Answer any TWO of the following 2\*15 = 30**

1. Using suitable diagram, explain in detail the steady-state condition in Solow model introducing technological progress. Also, using diagram, explain the golden rule level condition with technological progress.
2. Critically examine the balanced and unbalanced growth theory. Which theory among these two according to you has better policy implications for developing countries?
3. Discuss the Harris-Todaro model of rural urban migration. Based on this model, what policy do you think is appropriate to mitigate the problem of urban unemployment?