

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION SP/2024)

CLASS: IMSc
BRANCH: CQEDS

SEMESTER : IV
SESSION : SP/2024

SUBJECT: ED219 ECONOMIC DEVELOPMENT AND DEMOGRAPHY
TIME: 02 Hours

FULL MARKS: 25

INSTRUCTIONS:

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
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			CO	BL
Q.1	In Harrod-Domar growth model, derive how growth is related to savings, capital-output ratio, population growth rate and depreciation.	[5]	1	3
Q.2(a)	What is meant by convergence in Solow model? How is absolute convergence different from conditional convergence?	[2]	1	3
Q.2(b)	Is conditional convergence able to explain the differences in growth experiences across countries? Explain your answer.	[3]	1	5
Q.3(a)	How does the endogenous growth models differ from the neoclassical growth models in terms of the main assumption?	[2]	2	2
Q.3(b)	Explain David Romer's R & D model of growth.	[3]	2	4
Q.4	What do you mean by economic development? Does it follow naturally from an increase in per capita income? Explain your answer.	[5]	1	4
Q.5	What are some of the income measurement issues in developing or under-developed countries?	[5]	1	4

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