



LOYOLA COLLEGE (AUTONOMOUS) CHENNAI – 600 034

M.A. DEGREE EXAMINATION – ECONOMICS

FOURTH SEMESTER – APRIL 2025

PEC4MC03 – POPULATION STUDIES



Date: 28-04-2025

Dept. No.

Max. : 100 Marks

Time: 01:00 PM - 04:00 PM

SECTION A – K1 (CO1)

Answer ALL the questions

(5 x 1 = 5)

1 Fill in the blanks

- a) The subject matter of population studies includes the study of _____, _____ and _____
- b) The Formulae to calculate Dalton's Optimum population is _____
- c) The adult dependency ratio can be formulated by _____.
- d) The first NFHS was undertaken in _____
- e) Human Development Reports are published by _____

SECTION A – K2 (CO1)

Answer ALL the questions

(5 x 1 = 5)

2 Answer the following in one or two sentences

- a) What is IIPS?
- b) Write a note on Fecundity.
- c) What is age structure Pyramid?
- d) Define Census.
- e) State the indicators to measure PQLI.

SECTION B – K3 (CO2)

Answer any THREE of the following in 100 words each.

(3 x 10 = 30)

- 3 Explain the interrelationship between population studies and other disciplines.
- 4 Enumerate the biological theories of population which emphasized on protein consumption.
- 5 Briefly explain proximate determinants of fertility.
- 6 Explain the merits and demerits of NFHS I and II
- 7 Illustrate the effects of change in population size and structure.

SECTION C – K4 (CO3)

Answer any TWO of the following in 200 words each.

(2 x 12.5 = 25)

- 8 Trace the developments in population studies.
- 9 Discuss the Classical theory of Population.

10 From the following data calculate CDR and SDR

Age Group	0-10	10-20	20-60	60 and above
Population	400	1500	2400	700
Death rate per thousand	40	4	10	30
Standard age distribution	600	1000	3000	400

- 11 Identify the millennium development goals and sustainable development goals.

SECTION D – K5 (CO4)**Answer any ONE of the following in 500 words (1 x 15 = 15)**

12 “India is largest populated country in the world” Critically analyze pros and cons of this statement from the theoretical perspective.

13 Explain the methods of measuring internal migration.

SECTION E – K6 (CO5)**Answer any ONE of the following in 1000 words (1 x 20 = 20)**

14 From the data given below calculate GFR, SFR and TFR

Age-Group	15-19	20-29	30-36	37-44	45-49
Female Population	4000	12000	16000	6000	2000
No.of Live Births	400	1800	3200	600	40

15 Do you think the National Population policy of 2000 will solve India’s Population problem? Elucidate.
