PG (CBCS) EVEN SEMESTER EXAMINATION, 2024

ECONOMICS

4th Semester

Course No. : ECOCC - 402 (O)

(Demography)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

The figures in the margin indicate full marks for the questions

(Answer five questions taking one from each unit)

UNIT-I

1. (a) State Dalton's formula of calculating optimum population. 2

   (b) Is it really possible to have an optimum population? Discuss with the help of suitable arguments. 5

   (c) Why is optimum theory of population a better theory than that of Malthus, but is considered inferior to the idea of Lebenstein? Discuss. 7

2. Write short notes on the following : 7+7=14

   (i) Human Resource Management

   (ii) Malthusian positive and preventive checks

UNIT-II

3. (a) Discuss different measures of population projection with their relative merits and demerits. 10

(b) Explain the concept of population pyramid. 4

4. (a) Distinguish between forward projection and backward projection. State the limitations of population projection. 4+4=8

(b) Given, population of a country in 1941 was 30 crores and 55 crores in 1971. Estimate the population of the country for the year 1956 with the help of linear interpolation method. 6

UNIT-III

5. (a) Discuss various measures of mortality with their relative merits and demerits. 10

(b) Give any two applications of life table in economics. 4

6. (a) Define reproduction. Why is NRR called the best measure of reproduction? Discuss. 2+4=6

(b) Discuss the meanings of different columns of a life table. 8

UNIT-IV

7. Discuss the impact of migration on places of origin and destination. 7+7=14

8. Write short notes on the following : 7+7=14

(a) Ravenstein's migration laws

(b) Todaro's theory of migration

UNIT-V

9. Discuss the trend of population growth in Assam. How does immigration affect population growth in Assam? Discus with the help of proper arguments. 7+7=14

10. Make an inter-regional comparison of the performance in vital statistics indicators in India as revealed by SRS Data (2020). 14

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