2018
ECONOMICS
ECO: 3.2
POPULATION AND HUMAN RESOURCE

Full Marks: 80
Time: 3 hours

The figure in the margin indicate full marks for the questions

1. Answer the following questions :(within 50 words) **2 x 4 =8**

a. Define General Fertility Rate.
b. Define 'optimum population'.
c. What is alternative cost of education?
d. Define dejure method of counting population.

2. Answer the following questions :(within 100 words) **5 x 4 = 20**

a. Briefly explain the role of demographic sample surveys as a source of population data.
b. Why infant mortality rate is called the most sensitive of all measures of mortality?
c. Briefly analyse how human capital of an economy can be raised.
d. Explain how education can be directed to achieve economic efficiency in the economy.

3. Answer any two of the following question: **10 x 2=20**

a. In What way do Total Fertility Rate (TFR) and Gross Reproduction Rate (GRR) differ from one another as measures of reproduction? Can they be looked upon as indices of population growth?
5 + 5 =10

b. What is population pyramid? Show how, fertility, mortality and migration affect the size and shape of population pyramid.
2 + 8 = 10

c. Briefly explain the relationship between health, productivity and economic development

d. What is brain drain? Analyse the impact of brain drain on the developing economies. 3 + 7 =10

4. Answer the following questions: 16 x2 =32

a. Explain, in brief, the theory of Demographic Transition. Contrast the population change in the developed and developing countries in terms of demographic transitions. 8 +8 = 16

OR

What is Life Table? What are its uses? Outline the different columns of life table? 2+4+10=16

b. Analyse the basic issues of government financing of education? Point out the circumstances under which the government financing plays a very important role. 12 + 4 = 16

OR

Explain, how 'Return to Education' is estimated using Cost-benefit analysis. How would you distinguish between social and private returns to education? 10 + 6 = 16

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