

**MA ECONOMICS**  
**FIRST SEMESTER (Repeat)**  
**POPULATION & HUMAN RESOURCE**  
**MEC-103**

(Use separate answer scripts for Objective & Descriptive)

Duration : 3 hrs.

Full Marks : 70

**[ PART-A : Objective ]**

Time : 20 min.

Marks : 20

**Choose the correct answer from the following:**

**1X20=20**

1. The high stationary phase is marked by:  
a. High fertility and low death rate  
b. Low fertility and low death rate  
c. High fertility and high death rate  
d. Low fertility and high death rate
2. Population Explosion is related to:  
a. Late expanding  
b. Early expanding  
c. High stationary  
d. None of the above
3. According to Optimum population theory if more and more labour is combined with fixed amount of resources output per capita will .....in the initial stage.  
a. Fall  
b. Rise  
c. Constant  
d. None
4. Disguised Unemployment is associated with:  
a. Optimum population  
b. Below optimum population  
c. Above optimum population  
d. None of the above
5. The optimum population depends on the:  
a. Available resources  
b. Available technology  
c. Growth of population  
d. All the above
6. Which of the following is a vital event?  
a. Age  
b. Gender  
c. Migration  
d. Occupation
7. In India which technique of Census is followed?  
a. Household  
b. Canvasser  
c. De facto  
d. De jure
8. NSSO conduct the following:  
a. Census  
b. Continuing Register  
c. Civil Registration system  
d. Sample Surveys
9. A sex ratio of more than 100 implies:  
a. Perfect balance population  
b. Surplus women  
c. Surplus male  
d. Depends on the definition of sex ratio
10. High median age means:  
a. More population at young age  
b. More population at old age  
c. More population at the age group of 15-59  
d. More female population

11.  ${}_{14}P_0/{}_{59}P_{15} \times 100$  is the formula for:
- Total dependency ratio
  - Young age dependency ratio
  - Old age dependency ratio
  - Active age group
12. In a population pyramid male are counted on:
- Left hand side.
  - Right hand side.
  - Can be count on any side.
  - It depends on the number of male population.
13. A population pyramid that is narrowed at the bottom:
- Expansive pyramid
  - Constrictive pyramid
  - Stationary pyramid
  - None of the above
14. 
$$i=B/\sum_{x=15}^{49} f P_x \times 1000$$
- General fertility rate
  - Total fertility rate
  - Age specific fertility rate
  - Gross reproductive rate
15. Vital statistics rates are generally expressed as:
- Per hundred population
  - Per 10 thousand population
  - Per 20 thousand population
  - Per thousand population
16. The death of product of conception that has completed 28 weeks of gestation is called:
- Live birth
  - Foetal death
  - Still death
  - Both b and c
17. Case fatality rate is related to:
- Fertility
  - Disease
  - Migration
  - IMF
18. By relating the number of live births to the number of females in the child-bearing ages we get:
- Total fertility rate
  - Age-specific fertility rate
  - Gross reproductive rate
  - General fertility rate
19. The primary purpose of life table is to present a clear picture of:
- Fertility
  - Mortality
  - Crude birth rate
  - All the above
20. The quantum of changes in vital events in the population is measured by their respective:
- Ratio
  - Rate
  - Proportion
  - Percentage

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**( PART-B : Descriptive )**

Time : 2 hrs. 40 min.

Marks : 50

[ Answer question no.1 & any four (4) from the rest ]

- Explain the optimum theory of population. 10
- What are the various sources of data? Explain the De facto and De jure method of census. 4+6=10
- What is population pyramid? Explain the different type of population pyramid. 3+7=10
- What is vital rate? Explain the concept of CDR, CBR, Net reproductive rate, general literacy rate with formula. 2+8=10
- What is median age? Explain the concept of dependency ratio with formula. 2+8=10
- What do you understand by cost of education? Explain the various type of education. 2+8=10
- Define the term brain drain. Explain the problems of brain drain with special reference to under-developed countries. 2+8=10
- What do you understand by financing of higher education? What are the various sources of financing higher education? 2+8=10

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