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**6 SEM TDC ANT M 3**

**2017**

( May )

**ANTHROPOLOGY**

( Major )

Course : 603

**( Demographic Anthropology and Ecological Anthropology )**

Full Marks : 80

Pass Marks : 32/24

Time : 3 hours

*The figures in the margin indicate full marks for the questions*

*Write the answers to the two Halves in separate books*

**FIRST HALF**

**( Demographic Anthropology )**

( Marks : 40 )

Answer Question No. **6** and any **four** from the rest

1. How do you define demography? Discuss how demographic data are utilized in anthropological studies with suitable examples.

3+6=9

( Turn Over )



( 2 )

2. What is meant by demographic data? Mention their types. Discuss the sources and limitations of demographic data in India.

2+2+5=

3. Discuss the importance of the study of age and sex in population composition. Also, discuss about the demographic processes that influence the population composition.

4+5=

4. Define cause specific death rate. Mention its importance in health planning. What is infant mortality rate and why is it called the most sensitive index of mortality?

2+2+5=9

5. Attempt a brief discussion on the National Population Policy (India).

6. Choose the correct answer :

1×4=

- (a) The overall sex ratio is the result of

(i) sex ratio of the newborn

(ii) sex ratio of the deceased

(iii) sex ratio of net migrants

(iv) joint effect of all the above

( 3 )

- (b) In demography, 'Neonatal Mortality' is defined as death in between

(i) birth of the baby and its first birthday

(ii) birth of the baby and before completion of 28 days

(iii) birth of the baby and its fifth birthday

(iv) None of the above

- (c) A population pyramid with a wide base narrowing as the age cohorts progress indicates

(i) decline

(ii) rapid growth

(iii) slow growth

(iv) stability

- (d) Emigrant groups are dominated by

(i) middle-aged families with two or more children

(ii) young families

(iii) retirees

(iv) young single adults



( 4 )

SECOND HALF

( **Ecological Anthropology** )

( Marks : 40 )

7. Define ecosystem. Give a brief discussion on the different ecosystems found on earth.

2+12=

Or

What is cultural ecology? Bring out the relationship between culture and ecology.

4+10=

8. Define adaptation. Describe in brief about adaptation of man in high altitude condition.

2+12=

Or

"Adaptation is usually defined as the ability to survive, function and reproduce." Discuss with suitable examples.

9. (a) Write short notes on any two of the following :

4×2=

- (i) Acclimatization
- (ii) Ecological Niche
- (iii) Adaptation in cold climatic condition
- (iv) Mountain sickness

( 5 )

(b) Write True or False :

1×4=4

- (i) Franz Boas coined the term 'cultural ecology'.
- (ii) Cultural ecology applied ideas from ecology and system theory to understand the adaptation of men to their environment.
- (iii) Hypoxia is a clinical syndrome of severe lack of carbon dioxide.
- (iv) Human adaptation to cold climatic condition may occur through acclimatization.

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