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63/2 (SEM-3) GGY-306 (A, B)

2022

(Held in 2023)

GEOGRAPHY

(Theory Paper)

Paper Code : GGY 306 (A)

**(Population Data And Its
Use In Social Geography)**

Full Marks – 80

Pass Marks – 32

Time – Three hours

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

1. Choose the correct answers : 1×6=6
- (a) The population enumeration of the latest Indian Census was conducted during
- (i) 6 – 28 February 2011
 - (ii) 9 – 28 February 2011
 - (iii) 12 – 28 February 2011
 - (iv) 14 – 28 February 2011

[Turn over

(b) Which one of the following information is not collected by the Census of India ?

- (i) Number of children ever born
- (ii) Age at marriage
- (iii) Place of birth
- (iv) Number of persons died

(c) When was the first synchronous Census conducted in India ?

- (i) 1871 (ii) 1881
- (iii) 1891 (iv) 1981

(d) According to the Census 2011 which one of the following states has the lowest sex ratio in India ?

- (i) Punjab (ii) Uttar Pradesh
- (iii) Haryana (iv) Bihar

(e) Which one of the following is not a feature of Census ?

- (i) Individual enumeration
- (ii) Simultaneity
- (iii) Defined periodicity
- (iv) Dual record

(f) Approximately what percentage of Indian population is 60 years and above ?

- (i) 2% (ii) 9%
- (iii) 12% (iv) 15%.

2. Answer the following questions : $2 \times 5 = 10$

- (a) List two main sources of demographic data.
- (b) What are the vital events ?
- (c) Write two striking characteristics of an age sex pyramid of a developed country ?
- (d) What is demographic dividend ?
- (e) Define a modern census.

3. Attempt any six of the following questions :

$5 \times 6 = 30$

- (a) Briefly list out of the informations collected by the National Family Health Surveys.
- (b) Explain what sample survey is.
- (c) Write a brief note on the uses of Census.
- (d) How does the age-sex structure of a population define the future of the society ?
- (e) Distinguish the age-sex pyramid of a developed and under developed country.

- (f) Explain how the fertility and mortality shape the age-sex structure of place.
- (g) Give a brief sketch of sources and quality of migration data in India.
- (h) Explain the importance of fertility related data in Social Studies.
- (i) What is the momentum of population growth?

4. Answer any *two* of the following questions :

10×2=20

- (a) List out the different items on which the Indian census collects data.
- (b) Highlight the past trends of the age-sex structure of the world.
- (c) What do you mean by ageing? Discuss various measures of ageing.

5. Answer any *one* of the following questions :

14×1=14

- (a) Demonstrate the probable future changes in the age-sex structure of the India Population.
- (b) Write a detailed note on the interrelationship between population ageing and fertility.

(Theory paper)

Paper Code : GGY 306(B)

(Environment And Ecology)

Full Marks – 80

Pass Marks – 32

Time – Three hours

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

Objective type questions (answer all) :

1. Choose the correct answers : 1×6=6
 - (a) The ratio between energy flow at different points in a food chain is known as
 - (i) Ecological capacity
 - (ii) Ecological efficiency
 - (iii) Ecological assimilation
 - (iv) Ecological potential

- (b) A keystone species is such that it has
- No influence on an ecosystem
 - Disproportionate influence on an ecosystem
 - Potential to displace native species
 - None of the above
- (c) In an ecosystem, the energy flow is always
- bidirectional
 - multidirectional
 - unidirectional
 - All of these
- (d) The main nitrogen reservoir of the environment is
- Ocean
 - Rocks
 - Atmosphere
 - Living-being
- (e) The element of a pre-disturbed ecosystem that survives to participate in its recovery is called
- Biological legacies
 - Alien species
 - Population threshold
 - None of the above

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- (f) If we want to study species diversity, which of the following structural attributes will be considered ?
- Patch size
 - Abundance
 - Connectivity
 - Species richness of the area under study

Very short answer type question :

2. Answer *all* questions :

2×5=10

- What is biomass ?
- What do you mean by sustainable environment ?
- What is the main objective of NGT ?
- What do you mean by functional diversity of an ecosystem ?
- What is response diversity ?

Short answer type question :

3. Answer any *six* of the following questions :

5×6=30

- Write a short note on carbon cycle.
- Write a short note on Golden Quadrilateral project.

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- (c) What are the major factors of desertification ?
- (d) What is the purpose of ecological scoping survey ?
- (e) Explain in short about importance of silvopastoral system in maintaining ecosystem sustainability.
- (f) Explain in detail the importance of any one of the ecological principles.
- (g) Briefly explain about Integrated coastal zone management.
- (h) Write a short note on principles of Environmental Impact Assessment.
- (i) Explain in short about different levels of biodiversity.

Descriptive answer type question :

4. Answer any *two* of the following: $10 \times 2 = 20$

- (a) Describe in detail the causes and consequences of environmental problems related to urban areas.
- (b) Discuss with suitable example about the major reasons of biodiversity loss.

- (c) Draw an outline of the policies and programs taken by India to minimize environmental degradation.

Analytical answer type question :

5. Answer any *one* of the following questions: $14 \times 1 = 14$

- (a) Discuss how far Environment Impact Assessment has been useful for our environment as well as society.
- (b) Explain in detail the threats to environment experiencing by the world and measures need to be adopted to reduce such threats.