

KATHMANDU UNIVERSITY  
End Semester Examination  
July/August, 2024

Marks Scored:

Level : B.Sc.

Year : III

Exam Roll No. :

Time: 30 mins.

Registration No.:

Course : ESEE 303

Semester : I

F. M. : 20

Date : 05 AUG 2024

SECTION "A"

[20 Q. × 1 = 20 marks]

**Choose and encircle in the most appropriate option from each set of choices**

- The study of relationship between societies and their natural environment.  
a. Environmental Science                      b. Natural society  
c. Environmental Sociology                      d. Social Economy
- Human Ecology is the study of the interactions between human and \_\_\_\_\_ nature in different culture.  
a. living                      b. global                      c. non-human                      d. biotic and abiotic
- Just as effective development depends on reliable knowledge of natural and other resources, so does effective development planning depend upon natural knowledge of composition growth and movement of population.  
a. Leady Hardin                      b. Adam smith                      c. Rafael Salas                      d. J. G. Hender
- A population pyramid graphically displays a population's age and \_\_\_\_\_ composition.  
a. cast                      b. occupation                      c. sex                      d. birth cohort
- Demographic \_\_\_\_\_ is the change in pattern of birth rates and death rates as a geographical area transition through increased industrialization.  
a. picture                      b. transition                      c. pyramid                      d. development
- Transdisciplinary mind is NOT....  
a. a boundary crossing around complex  
b. inclination to boundary cross, innovate and collaborate  
c. approach to complex environment with ontological flexibility  
d. focus on interconnectivity as practical through system thinking
- According to \_\_\_\_\_, social sciences originated in the eighteen centuries in an effort to understand the character and future modern society  
a. Ross                      b. Adam                      c. Condorcet                      d. Hender
- In social research various aspects of human \_\_\_\_\_ need to be addressed to understand their thought and feedbacks about the social world.  
a. society                      b. behaviour                      c. culture                      d. ecology
- A human based ethnic arguing that the human possesses complete authority over decisions about environment.  
a. environmentalism                      b. bio-centrism  
c. eco-centrism                      d. anthro-po-centrism

10. The basic principles of \_\_\_\_\_ design of experiment is control, randomise and replicate.  
a. research                      b. statistical                      c. experimental                      d. holistic

**Fill in the blanks**

11. International relation is the study of relation among states and \_\_\_\_\_ actors to achieve the objectives
12. Social Sustainability includes human rights, labor rights and \_\_\_\_\_ governance.
13. Economy is defined as the largest set of interrelated production, consumption, and exchange activities that aid in determining how scarce resource are allocated in a country for a \_\_\_\_\_.
14. \_\_\_\_\_ believe everything is completely arbitrary, having no any purpose or meaning to life; only power, strength and sheer survival matters.
15. Research design provides a clear understanding of the research objectives and the desired \_\_\_\_\_.
16. Marxist feminist believe that gender inequality is rooted in the \_\_\_\_\_ system and advocate for a classless society to achieve true gender equality.
17. First Global summit on \_\_\_\_\_ and \_\_\_\_\_ held in Cairo, Egypt in 1994
18. \_\_\_\_\_ is the study of the nature of knowledge, justification and rationality of believe.
19. First time Paul Sears applied \_\_\_\_\_ in 1954
20. Minati and Collen, said in 1997 the \_\_\_\_\_ can be described in term of phases or form of human activity to seek, develop and produce knowledge.

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05 AUG 2024

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Semester : I  
F. M. : 55

SECTION "B"

[3 Q. × 7 = 21 marks]

Attempt *ANY THREE* questions.

1. What are the current social phenomena and challenges? Explain how family and community play a crucial role in shaping the environment in which individuals grow and develop [3+4]
2. What is the philosophical approach mentioned in 'A Sand County Almanac'? Write an essay on environmental ethics. [2+5]
3. What is the traditional gender stereotype existing in society? What are harmful traditional gender roles? Elaborate the feminist theories. [2+2+3]
4. Make clear of different disciplinary? Give the triangle of transdisciplinary. [3+4]

SECTION "C"

5. Write Short Notes on (*ANY FIVE*) [5Q. × 2 = 10]
  - a. Environmental Sociology
  - b. Human Ecology
  - c. Circular Economy
  - d. Population Pyramid
  - e. Paul Ehrlich formula
  - f. Community Approach & PBSL
6. Differentiate between (*ANY FOUR*) [4Q. × 3 = 12]
  - a. Arthashastra and Panchatantra.
  - b. Sex and Gender.
  - c. International relation and international politics
  - d. Qualitative and quantitative research
  - e. Top down and bottom up approach
7. Justify the statement below (*ANY THREE*) [3Q. × 4 = 12]
  - a. The holistic approach finds the solution to actual environmental issues of today.
  - b. There has been significant historical influence on the development of the environmental movement.
  - c. A problem well-defined is a problem half solved.
  - d. Human ecology explores not only the influence of humans on their environment but also the influence of the environment on human behavior and their adaptive strategies

