(2)

2021

Full Marks: 60

Time: 3 Hours

Answer all the questions.

The figures in the right hand margin indicate marks.

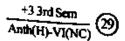
1. Answer all of the following: 1×8=8
a) The natural place of an organism or community is known as ______.
b) Give an example of biotic component of

ecosystem.

- c) Give an example of abiotic component of ecosystem.
- d) Who for the first time used the term 'human ecology'?
- e) Adaptation to heat occurs through the process of
- f) Which tribal community in India practise hunting and gathering for survival?
- g) Write down the term used for shifting cultivation by the tribals of Odisha.

[Turn over]

- h) What is the most important development during Neolithic revolution?
- 2. Answer any eight questions in 2-3 sentences each: $1\frac{1}{2} \times 8=12$
 - a) What is adaptation?
 - b) What is acclimation?
 - c) What do you mean by human ecology?
 - d) What is material culture?
 - e) Write down the name of at least two tribal communities who practise pastoralism.
 - f) What is hypoxia?
 - Write down at least two important factors that affect cold adaptation.
 - h) Give examples of Neolithic tools and techniques.
 - i) What is homeostasis?
 - j) What do you mean by pre-state societies?
- Answer any eight questions each within 75 words:
 2×8=16
 - a) Write a short note on Acclimatization.



- b) What is ecosystem?
- c) Write a short note on the adaptation to high altitude.
- d) Give a brief account of pastoralism.
- What is ecosensitivity? e)
- f) What is hydraulic civilization?
- What is peasantry? g)
- What are the demerits of shifting cultivation? h)
- Write a short note on adaptation to heat. i)
- Give a brief account of biosphere. j)
- Answer all the questions each within 500 words.

 $6 \times 4 = 24$

Discuss in detail on the biotic and abiotic a) components of ecosystem.

OR

Discuss different ecological rules and their applicability to human populations.

Elaborate different methods of studying human b) ecology.

+3 3rd Sem

[Turn over]

OR

Culture as a tool of adaptation. Discuss.

Discuss various modes of human adaptation in pre-state societies.

OR

Discuss in detail different phases of shifting cultivation.

Describe Neolithic revolution with suitable examples from India.

OR

impact Critically present the industrialization on man.

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