

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
- The natural place of an organism or community is known as _____.
 - Give an example of biotic component of ecosystem.
 - Give an example of abiotic component of ecosystem.
 - Who for the first time used the term 'human ecology'?
 - Adaptation to heat occurs through the process of _____.
 - Which tribal community in India practise hunting and gathering for survival?
 - Write down the term used for shifting cultivation by the tribals of Odisha.

[Turn over]

(2)

- h) What is the most important development during Neolithic revolution?
2. Answer any eight questions in 2-3 sentences each:
1½×8=12
- What is adaptation?
 - What is acclimation?
 - What do you mean by human ecology?
 - What is material culture?
 - Write down the name of at least two tribal communities who practise pastoralism.
 - What is hypoxia?
 - Write down at least two important factors that affect cold adaptation.
 - Give examples of Neolithic tools and techniques.
 - What is homeostasis?
 - What do you mean by pre-state societies?
3. Answer any eight questions each within 75 words:
2×8=16
- Write a short note on Acclimatization.

(3)

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

4. Answer all the questions each within 500 words.

6×4=24

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

OR

Discuss different ecological rules and their applicability to human populations.

- b) Elaborate different methods of studying human ecology.

(4)

OR

Culture as a tool of adaptation. Discuss.

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

OR

Discuss in detail different phases of shifting cultivation.

- d) Describe Neolithic revolution with suitable examples from India.

OR

Critically present the impact of industrialization on man.

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