

11. Which of the following is threat to genetic diversity?
 - a. Habitat loss
 - b. Exotic species
 - c. Overexploitation
 - d. All of the above
12. Which of the following can be potential safeguard against gene loss?
 - a. Genome resource banking
 - b. National Park
 - c. Zoo
 - d. All of the above
13. Natural causes of forest fire is:
 - a. Naked flame
 - b. Electric spark
 - c. Cigarette flame
 - d. Wind speed
14. In which of the following types livestock is allowed to graze sequentially?
 - a. Continuous grazing
 - b. Seasonal grazing
 - c. Rotational grazing
 - d. None of the above
15. Which one of the following is considered as a negative value of wildlife?
 - a. Commercial value
 - b. Man animal conflict
 - c. Medicinal value
 - d. All of the above
16. Which one of the following is considered as a reason for the depletion of wildlife?
 - a. Industrialization
 - b. Fragmentation
 - c. Hunting
 - d. All of the above
17. The species to first colonize a particular bare area is called as:
 - a. Serel species
 - b. Dominant species
 - c. Keystone species
 - d. Pioneer species
18. Total number of individuals divided by total area is called:
 - a. Crude population density
 - b. Ecological density
 - c. Realized density
 - d. Total population density
19. Which of the following types of dispersion shows uniformity in space?
 - a. Random
 - b. Regular
 - c. Clumped
 - d. None of the above
20. Biotic potential of a species:
 - a. Always varies
 - b. Is constant
 - c. Depends on species to species
 - d. None of the above

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(Descriptive)

Time : 2 hr. 30 mins.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

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| 1. Why wildlife census is important? Write about the different types of direct and indirect methods of census used in India for measuring the wildlife population. | 2+8=10 |
| 2. Define the term conservation. Write a note on the different strategies for the conservation of wildlife in India. | 2+8=10 |
| 3. What is biotelemetry? What are the different kinds of biotelemetry? Also write a note on the advantages and disadvantage of different collars. | 1+6+3=10 |
| 4. Define protected area. Write the difference between national park and wildlife sanctuary. | 2+8=10 |
| 5. What is genetic diversity? Explain briefly about the threats and preservation methods of genetic diversity. | 2+8=10 |
| 6. What is the definition of wildlife? Write down its positive and negative values and reasons for its depletion. | 2+4+4=10 |
| 7. Write a detailed note on habitat analysis. | 10 |
| 8. What is population? Describe the different population characteristics with diagrams. | 2+8=10 |

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