

**SET
A**

B.Sc. ZOOLOGY
SIXTH SEMESTER
WILDLIFE CONSERVATION AND MANAGEMENT
BSZ-604

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Full Marks: 70

(Objective)

Time: 30 mins.

Marks: 20

Choose the correct answer from the following:

$1 \times 20 = 20$

1. How many Quarantine stations are there in India?
a. 10 b. 20
c. 30 d. None of the above
2. The quarantine stations targets for mainly:
a. Transmissible diseases b. Non-transmissible diseases
c. Both a & b d. None of the above
3. Waterhole Census is one of the best methods to count the population of:
a. Hare b. Elephants
c. Primates d. None of the above
4. *Anthropozoonoses* are those diseases primarily transmitted from:
a. Lower vertebrates to humans b. Humans to lower vertebrate
c. Both a & b d. None of the above
5. In which types of the following disease, the soil acts as a reservoir?
a. Meta-zoonoses b. Sapro-zoonoses
c. Cyclo-zoonoses d. None of the above
6. Cryopreservation is a kind of.....conservation.
a. In-situ b. Ex-situ
c. Both a & b d. None of the above
7. A management plant must have:
a. Anti-poaching plan b. Patrolling plan
c. Both a & b d. None of the above
8. Kaziranga is a.....
a. National Park b. Tiger Reserve
c. Elephant Reserve d. All of the above
9. A biosphere reserve has.....number of zones.
a. Two b. Three
c. Four d. None of the above
10. Give the correct name of the Indian Wildlife Protection Act.
a. Wildlife Protection Act, 1972 b. Wild Life (Protection) Act, 1972
c. The Wildlife (Protection) Act, 1972 d. The Wild Life (Protection) Act, 1972

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

-- -- --

(**Descriptive**)

Time : 2 hr. 30 mins.

Marks : 50

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

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

= = *** = =