

**M.Sc. WILDLIFE BIOLOGY**  
**THIRD SEMESTER**  
**WILDLIFE MANAGEMENT PRACTICES**  
**MWS-301**

Duration: 3 Hrs.

Marks: 70

PART : A (OBJECTIVE) = 20

PART : B (DESCRIPTIVE) = 50

[ PART-B : Descriptive ]

Duration: 2 Hrs. 40 Mins.

Marks: 50

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

1. Write the differences between wildlife conservation and wildlife management. Give details about the various ecological techniques in wildlife management. (2+8=10)
2. Write the correct name of the wildlife act of India. How many sections and chapters are there in the wildlife act of India? Brief details about the section related to hunting. Also mention about the issues related to this act. (1+2+5+2=10)
3. What do you mean by human-wildlife conflict? Write the cause of human-wildlife conflict. Also mention about some of the mitigation measures undertaken in India. (1+3+6=10)
4. Discuss the types of Zoonoses on basis of epidemiological features. Discuss the life cycle of Amoeba in brief with examples. (10)
5. What is wildlife rescue? What are the main challenges faced during rescue operation of wildlife? (5+5=10)
6. What is translocation? Describe the types of translocation. (4+6=10)
7. Discuss the IUCN guidelines for translocation of species. (10)
8. Discuss in brief about the methods of sample collection, processing and storage along with highlighting the importance of each step. (10)

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**[ PART-A : Objective ]**

**Choose the correct answer from the following:**

**1×20=20**

1. Which one of the following is the correct name of Indian forest act?
  - a. Forest Conservation Act, 1988
  - b. Forest Conservation Act, 1980
  - c. Forest (Conservation) Act, 1988
  - d. None
2. In which year, the Biological Diversity Act of India was enacted?
  - a. 2001
  - b. 2005
  - c. 2010
  - d. None
3. Which species of non-human primates are successfully bred at the Itanagar Zoo?
  - a. Rhesus macaque
  - b. Capped langur
  - c. Hoolock gibbon
  - d. None
4. Who coordinates exchange of animals among different zoos for captive breeding programme?
  - a. CZA
  - b. Rescue centre
  - c. Captive breeding centre
  - d. None
5. How many schedules are there in the wildlife act of India?
  - a. Three
  - b. Four
  - c. Five
  - d. None
6. Which category of species is given top priority in captive breeding program in India?
  - a. Endangered species
  - b. Rare species
  - c. Both
  - d. None
7. Vaccination programme done by the forest department to vaccinate:
  - a. Wild animals in the forest.
  - b. Cattles in the fringe village.
  - c. Both.
  - d. None.
8. Which one of the following is the correct name of Indian forest policy?
  - a. National (Forest) Policy, 1987
  - b. National (Forest) Policy, 1988
  - c. National (Forest) Policy, 1989
  - d. None
9. How many species of vultures are there in India?
  - a. Two
  - b. Three
  - c. Four
  - d. None
10. Which one of the following veterinary medicine was banned by the Central Government for conservation of vulture in India?
  - a. Diclofanac
  - b. Diclofenec
  - c. Diclofenace
  - d. None
11. Which of the following are related to animal rescue?
  - a. Release
  - b. Rehabilitation
  - c. Capture
  - d. All of the above
12. Which of the following are essential for maintenance of rescue centre?
  - a. Veterinarian.
  - b. Wildlife Biologist.
  - c. Enclosures for rescue and rehabilitation.
  - d. All of the above.
13. Which of these are used to restrain leopards during rescue operation?
  - a. Tranquilizers
  - b. Sherman traps
  - c. Mist net
  - d. None
14. Which of the following should be obtained before capture of wildlife?
  - a. Permits
  - b. Behavioural information about the species
  - c. Animal care protocols
  - d. All of these

15. Insects are captured using:
- Sweep nets
  - Light traps
  - Drop nets
  - All of these
16. Which of the following agencies provide guidelines for translocation of wildlife?
- ICZN
  - ICBN
  - IUCN
  - None
17. Birds are captured and handled carefully during:
- Mist netting
  - Bait trapping
  - Drop netting
  - All of these
18. Balantidium coli is a:
- Ciliate
  - Flagellates
  - Apicomplexa
  - None of these
19. Trematodes are:
- Round worms
  - Flukes
  - Tapeworms
  - None of these
20. Aspergillosis is a:
- Viral Disease
  - Parasitic Infestation
  - Fungal Disease
  - None of these

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# UNIVERSITY OF SCIENCE & TECHNOLOGY, MEGHALAYA



**[PART (A) : OBJECTIVE]**

Duration : 20 Minutes

Serial no. of the  
main Answer sheet

Course : .....

Semester : ..... Roll No : .....

Enrollment No : ..... Course code : .....

Course Title : .....

Session : ..... 2017-18 ..... Date : .....

**Instructions / Guidelines**

- The paper contains twenty (20) / ten (10) questions.
- Students shall tick (✓) the correct answer.
- No marks shall be given for overwrite / erasing.
- Students have to submit the Objective Part (Part-A) to the invigilator just after completion of the allotted time from the starting of examination.

Full Marks	Marks Obtained
20	

.....  
Scrutinizer's Signature

.....  
Examiner's Signature

.....  
Invigilator's Signature