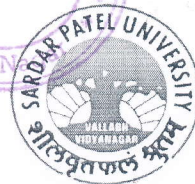


A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE COLLEGE
(AUTONOMOUS)(Grant-in-Aid)
Affiliated to Sardar Patel University
VALLABH VIDYANAGAR-388120



Master of Science (Semester 1) External Examination - 2025
COURSE CODE: PS01MIZOO01

WILDLIFE AND TECHNIQUES

Date: 10/11/2025

Time: 11:00 TO 12:30PM

Total marks :25

Q-1 MULTIPLE CHOICE QUESTIONS: [ANSWER APPROPRIATE OPTIONS]

[05]

1. A TYPE OF FOREST WITH RAINFALL BETWEEN 70-100 CM, AND TREES SHEEDING LEAVES DURING DRY SEASON ARE CHARACTERISTIC FEATURE OF _____ FOREST
A] SEMI-EVERGREEN B] MOIST EVERGREEN C] DRY DECIDUOUS D] THORN
2. WHICH AMONG THE FOOLOWING IS NOT AN ENDEMIC ANIMAL OF INDIA?
A] WILD ASS B] NILGIRI TAHR C] LEOPARD D] PURPLE FROG
3. TIGER(*PANTHERA TIGRIS*) FALLS UNDER WHAT CATEGORY OF IUCN RED LIST?
A] ENDANGERED B] LEAST CONCERN C] THREATENED D] VULNERABLE
4. A COMPACT, HIGH-MAGNIFICATION, MONOCULAR TELESCOPE DESIGNED FOR OBSERVING WILDLIFE IS TERMED AS _____.
A] BINOCULARS B] SPOTTING SCOPE C] DIGITAL CAMERA D] LENS
5. _____ IS SCIENTIFIC METHOD FOR SYSTEMATICALLY COLLECTING DATA BY WALKING ALONG A FIXED PATH TO COUNT AND RECORD ECOLOGICAL DATA OCCURRENCES?
A] TRANSECT COUNT B] QUADRANT C] POINT COUNT D] IoT SENSORS

Q-2 DISCUSS IN DETAIL ABOUT THE FOUR BIODIVERSITY HOTSPOTS IN INDIA?

[10]

OR

Q-2 EXPLAIN VARIOUS TYPES OF FOREST (AT LEAST FIVE) FOUND IN INDIAN SUBCONTINENT

[10]

Q-3 WRITE A DETAILED NOTE ON DIFFERENT EQUIPMENTS USED IN WILDLIFE STUDIES

[10]

OR

Q-3 DESCRIBE THE ECOLOGICAL SAMPLING METHOD OF LINE TRANSECT AND QUADRAT COUNT [10]
IN DETAIL