

# ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD

*(Department of Agricultural Sciences)*

## WARNING

1. PLAGIARISM OR HIRING OF GHOST WRITER(S) FOR SOLVING THE ASSIGNMENT(S) WILL DEBAR THE STUDENT FROM AWARD OF DEGREE/CERTIFICATE, IF FOUND AT ANY STAGE.
2. SUBMITTING ASSIGNMENT(S) BORROWED OR STOLEN FROM OTHER(S) AS ONE'S OWN WILL BE PENALIZED AS DEFINED IN "AIU PLAGIARISM POLICY".

Please read the following instructions for writing your assignments  
(AD, BS, B.Ed, MA/MSc, MEd) (ODL Mode)

1. All questions are compulsory and carry equal marks but within a question the marks are distributed according to its requirements.
2. Read the question carefully and then answer it according to the requirements of the questions.
3. Avoid irrelevant discussion/information and reproducing from books, study guides, or allied material.
4. Handwritten scanned assignments are not acceptable.
5. Upload your typed (in Word or PDF format) assignments on or before the due date.
6. Your own analysis and synthesis will be appreciated.
7. Late assignments can't be uploaded at LMS.
8. The students who attempt their assignments in Urdu/Arabic may upload a scanned copy of their handwritten assignments (in PDF format) on University LMS. The size of the file should not exceed 5MB.

## ASSIGNMENT No. 1

**Course: Range Land Management in Pakistan (2501)**

**Level: M.Sc Forestry Extension**

**Semester: Spring, 2025**

**Total Marks: 100**

**Pass Marks: 40**

***Note: Attempt all questions. All carry equal marks.***

- Q. 1 Write a detailed note on constraints and problems of the rangeland of Pakistan. (20)
- Q. 2 Enlist the major range resources of Pakistan. Discuss in detail the land use and rangeland types of the Himalayan Forest Grazing lands. (20)
- Q. 3 Discuss stock water development and soil water conservation practices in detail. (20)
- Q. 4 Describe the origin and botanical description of the following: (20)
- i. Agropyron Cristatum.
- ii. Cenchrus ciliaris.
- Q.5 Write a detailed note on Alpine pastures (20)

**ASSIGNMENT No. 2**

*Note: All questions carry equal marks*

**Total Marks: 100**

**Pass Marks: 40**

- Q.1 Describe the different range utilization models. Discuss briefly. (20)
- Q.2 Discuss some sampling procedures with reference general characteristics of the Lobi Bher Range. (20)
- Q.3 Describe the grazing system in the northern mountain. Discuss briefly. (20)
- Q.4 Discuss the importance of forage legumes in livestock feed. (20)
- Q.5 Write a detailed note on the following range animal (20)
- i. Sheep
  - ii. Goat