

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 ASSIGNMENTS BORROWED OR STOLEN FROM OTHER(S) AS ONE'S OWN WILL BE PENALIZED AS DEFINED IN "AIOU PLAGIARISM POLICY".**

Course: Environment and Forestry (2516)
Level: M.Sc. Forestry Extension

Semester: Autumn, 2013
Total Marks: 100
Pass Marks: 40

ASSIGNMENT No. 1
(Units: 1–5)

Note: All questions are compulsory and carry equal marks.

- Q. 1 Describe the potential scope of forest sector in our national GDP. (20)
- Q. 2 How different greenhouse gases contribute to greenhouse effect? Forests play a complex role in climatic and environmental stability ultimately reducing global warming. Give reasons to justify your comments. (20)
- Q. 3 Give your views about fuel wood use on environment. (20)
- Q. 4 Write detailed note on the followings;
i) Deforestation and forest degradation (10)
ii) Erosion and sedimentation (10)
- Q. 5 Discuss briefly the effects of mountains on climate on Pakistan. Also explain the role of watershed management in surface water resources. (20)

ASSIGNMENT No. 2
(Units: 6–9)

Total Marks: 100

Pass Marks: 40

Note: All questions are compulsory and carry equal marks.

- Q. 1 Enlist the endangered medicinal plant species of Pakistan. Discuss about the current status for biodiversity conservation in Pakistan. (20)

- Q. 2 Write detailed note on the followings;
- i) Atmospheric ecosystem **(10)**
 - ii) Common sources of noise and abatement **(10)**
- Q. 3 Discuss the basic characteristics of few common tree species found in Pakistan. **(20)**
- Q. 4 How would you explain the role of forest plantation in human welfare and poverty alleviation on sustainable bases? **(20)**
- Q. 5 Being a forester, which basic guidelines need to be followed for tree planting in developing countries? **(20)**

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