

FORESTRYTime Allowed: 03 HoursMax: Marks: 100

Note: Attempt any five questions - All questions carry equal marks.

- Q1 - Knowing the fact that Forest Policy has a key role in protecting and managing forests, suggest concrete measures to get it implemented in Pakistan in its totality.
- Q2 - Pakistan is likely to face acute water shortage in the wake of global warming. Devise strategy to address this issue of global concern for sustainable watershed management practices.
- Q3 - There is an increasing clamor that livestock grazing has destroyed public rangelands and only way to save them is to remove livestock from those lands. Comment on this statement and also mention the reasons why range management has failed to cope with this situation.
- Q4 - Discuss the various silvicultural practices followed for forest management. Also differentiate between even aged and non-even aged forests.
- Q5 - What is the concept of ecological factors in relation to tree growth - Which main ecological factors do you think are related to limiting the tree growth rate?
- Q6 - What do you understand by the concept of forest Management? How can we increase the production potential of forests to ensure the sustained production?

Q.7. Forest Mensuration plays an important role in forest management practices. Explain how it helps us to quantify the impact of anthropogenic influences on growth of trees and productivity of forests?

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