

**(Total Marks 100)**

- Ecology and General Silviculture.
- Forest Statistics, Mensuration and Research Methods.
- Forest Management and Economics.
- Water Shed Management.
- Range Management
- Forests surveying and Engineering.
- Forest Policy, Law and Protection.
- Forest Biology, Wildlife and Natural Park Management.

**Suggested Books:**

	<b>Title</b>	<b>Author</b>
1	Manual of Silviculture for Pakistan	Champion. Seth & Khattak, G.M.
2	Forest Types of Pakistan	Champion. Seth & Khattak, G.M.
3	Principles of Silviculture	Daniel. T.W. Helms & Baker
4	Plant & Environment	Daubenmire, R.
5	Elementary Forest Mensuration	Jerram. M.R.K.
6	Natural Resources Measurement	Avery. T.E.
7	Forest Management	Khattak. G.M.
8	Fundamental of Forestry Economics	Duerr. WA.
9	Surveying and Levelling	Kanetkar, T.P. and Kulkarni
10	Rasul Manual for Subordinate Engineers, Surveying Part-I	Anon
11	Material of Construction	Syed. Z.H,
12	Forest Engineering (Roads & Bridges)	Hanison. J. L.
13	The Pakistan Forest Act, 1927	
14	Principles of Forest Policy	Worrell
15	Forest Protection	Hawley & Stickle
16	Forests & Forestry in Pakistan	Sheikh, M. I. & Hafeez. M.
17	Range Management	Stoodart. Smith and Box
18	Vegetation & Watershed Management	Colinan. E.A.