



FEDERAL PUBLIC SERVICE COMMISSION  
COMPETITIVE EXAMINATION FOR  
RECRUITMENT TO POSTS IN BPS-17 UNDER  
THE FEDERAL GOVERNMENT, 2010

Roll Number

**Forestry**

TIME ALLOWED:	(PART-I) 30 MINUTES	MAXIMUM MARKS:20
	(PART-II) 2 HOURS & 30 MINUTES	MAXIMUM MARKS:80

**NOTE:** (i) First attempt PART-I (MCQ) on separate Answer Sheet which shall be taken back after 30 minutes.  
(ii) Overwriting/cutting of the options/answers will not be given credit.

**Part II**

Q.2 a) Effects of silvicultural activity of eucalyptus trees on ecological processes in irrigated forests ,the Punjab, Pakistan? 10

b) Discuss phytosociology and structure of Himalayan forests from different climatic zones Pakistan. 10

Q.3 How many times forest policies in Pakistan have been revised and what new was added and adopted in each policy? Discuss the merits and demerits of current policy in the light of war on terrorism in forest epicenters in northern areas of Pakistan.

Q.4 There are more than 21 national Parks of Pakistan. Give detail of bioecology or the most important park. Discuss endangered species in this part and steps to be taken for amelioration or conditions of the parks to make it important in ecotourism.

Q.5 Forest resources are important for countries like Pakistan with a n agro-based economy. Discuss in detail these resources keeping in view soils and rainfall regime in Pakistan. Also give an account awareness programs run by NGOs or public sectors to conserve and preserve these resources.

Q.6 Livestock provides with many services to the mankind. Evaluate status of grazing animals of rangelands in Pakistan. Discuss problems of graziers in these land and measures to overcome the problems in enhancing livestock production. What are prospects of increasing agro-grazing in Punjab, Pakistan.

Q.7 Discuss steps in managing water resources for environmentally sustainable irrigated agriculture Pakistan. Design a community-based watershed management support project. Explain complementary role of research and teaching in Courses Dealing with Integrated Watershed management.

Q.8 Write a short note on any Four of following:

- i) Use of satellite in forest mensuration
- ii) Management of water resources for sustainable agriculture in Pakistan
- iii) Principle of range management
- iv) Steps of enhancing forest production
- v) Arid wild lands in Pakistan
- vi) Social forestry
- vii) Forest products protection
- viii) Micro watershed

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