



**FEDERAL PUBLIC SERVICE COMMISSION**  
**COMPETITIVE EXAMINATION FOR**  
**RECRUITMENT TO POSTS IN BS-17**  
**UNDER THE FEDERAL GOVERNMENT, 2015**

**Roll Number**

**FORESTRY**

<b>TIME ALLOWED: THREE HOURS</b> <b>PART-I(MCQS): MAXIMUM 30 MINUTES</b>	<b>PART-I (MCQS)</b> <b>PART-II</b>	<b>MAXIMUM MARKS = 20</b> <b>MAXIMUM MARKS = 80</b>
<b>NOTE: (i) Part-II is to be attempted on the separate Answer Book.</b> <b>(ii) Attempt ONLY FOUR questions from PART-II. ALL questions carry EQUAL marks.</b> <b>(iii) All the parts (if any) of each Question must be attempted at one place instead of at different places.</b> <b>(iv) Candidate must write Q. No. in the Answer Book in accordance with Q. No. in the Q.Paper.</b> <b>(v) No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.</b> <b>(vi) Extra attempt of any question or any part of the attempted question will not be considered.</b>		

**PART-II**

- Q. No. 2.** What are the various Silvicultural Systems to obtain Forest Regeneration in Pakistan? (20)  
Describe each system in detail along with its merits and demerits by giving at least one example of the forest type which is managed under any particular silvicultural system.
- Q. No. 3.** (a) Enlist forest resources of Pakistan. Describe ‘Scrub Dry Tropical Thorn Forests’ and also give its distribution and tree composition. (10 each) (20)  
(b) Why we have very low forest area in Pakistan? Mention the constraints and problems to develop tree cover.
- Q. No. 4.** For efficient forest management, a forest must be maintained on sustained basis. How could you ensure sustained yield of a forest? Explain principles of forest management. (20)
- Q. No. 5.** (a) Recently developed modern wood technology has opened new avenues of efficiently utilizing small logs in a variety of ways. Give a brief account of few innovations. (10 each) (20)  
(b) How trees are helpful in reclaiming waterlogged and saline soils?
- Q. No. 6.** (a) Most of the rangelands of Pakistan are degraded and have low productivity. Do you think there is need to develop a rangelands policy to improve the productivity of the rangelands and rehabilitate the degraded ones? (10 each) (20)  
(b) Name the grazing systems which are prevalent in the country. Describe Deferred Grazing Systems in detail.
- Q. No. 7.** (a) Wildlife plays an important role in ecosystem and is also a source of income from tourists. But, wildlife of Pakistan is decreasing alarmingly. Can you suggest some reasons for decline of wildlife in Pakistan? (10 each) (20)  
(b) What are the factors which may have contributed to the decline of vulture population across South Asia? Moreover, the extinction of vultures may be viewed as a great loss to our environmental, socioeconomic and cultural fabric. Give your comments on this statement.
- Q. No. 8.** Differentiate clearly any Four of the following: (5 each) (20)  
(i) Social Forestry vs Community Forestry (ii) Agroforestry vs Farm Forestry  
(iii) Agrisilviculture vs Agrosilviculture (iv) Felling Block vs Felling Coupe  
(v) Forest Working Plan vs Working Circle (vi) Wildlife Sanctuary vs Game Reserve

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