



**FEDERAL PUBLIC SERVICE COMMISSION**  
**COMPETITIVE EXAMINATION FOR**  
**RECRUITMENT TO POSTS IN BS-17**  
**UNDER THE FEDERAL GOVERNMENT, 2014**

Roll Number

**Forestry**

<b>TIME ALLOWED:</b>	<b>(PART-I MCQs)</b>	<b>30 MINUTES</b>	<b>MAXIMUM MARKS: 20</b>
<b>THREE HOURS</b>	<b>(PART-II)</b>	<b>2 HOURS &amp; 30 MINUTES</b>	<b>MAXIMUM MARKS: 80</b>
<b>NOTE:</b> (i) <b>Part-II</b> is to be attempted on the separate <b>Answer Book</b> . (ii) Attempt <b>ONLY FOUR</b> questions from <b>PART-II</b> . <b>ALL</b> questions carry <b>EQUAL</b> marks. (iii) Candidate must write <b>Q. No.</b> in the <b>Answer Book</b> in accordance with <b>Q. No.</b> in the <b>Q. Paper</b> . (iv) No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed. (v) Extra attempt of any question or any part of the attempted question will not be considered.			

**Part II**

Q.2 Do you consider that Forests in Pakistan are below the average requires percentage? How would you justify the commercial values of these forests? Discuss major issues of forests losses and how can these be overcome at large.

Q.3 Define curving and how would you classify curving. What are the methods of setting up the curves?

Q.4 Explain how the forests policies can enhance the contribution of the forestry sector to the country's ecology and economy. Do you think that forestry and forest policies have multiple dimensions? What are these and how the forest policies can be developed in their presence?

Q.5 Discuss the significance of stem analysis. How can you establish height and age curves from stem analysis? Does the stem analysis indicate any relationship to thickness of the bark?

Q.6 There been has major change in the biodiversity in Pakistan. How can thiis be minimized in order to protect the biodiversity?

Q.7 Through logical frame works discusses the limiting factors in promoting agro-forestry in Punjab with a possible solution. Do you think promoting agro-forestry could affect biodiversity?

Q.8 Write short notes on any FOUR of the following:

- Eco-physiology of tree growth
- Role of silviculture in forest and wild land management
- Stand density determination
- Offences related to reserved forests
- Role of shelter belts and wind breaks
- Types of Theodolite

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