

# FEDERAL PUBLIC SERVICE COMMISSION



## COMPETITIVE EXAMINATION FOR RECRUITMENT TO POSTS IN BS-17 UNDER THE FEDERAL GOVERNMENT, 2012

Roll Number

QuickJobs.pk

### BOTANY,PAPER-I

|  |                      |                                 |                          |
|--|----------------------|---------------------------------|--------------------------|
| <b>TIME ALLOWED:</b><br><b>THREE HOURS</b>   | <b>(PART-I MCQs)</b> | <b>30 MINUTES</b>               | <b>MAXIMUM MARKS: 20</b> |
|  | <b>(PART-II)</b>     | <b>2 HOURS &amp; 30 MINUTES</b> | <b>MAXIMUM MARKS: 80</b> |
| <b>NOTE:</b> (i) 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> .<br>(ii) Attempt <b>ONLY FOUR</b> questions from <b>PART-II</b> . All questions carry <b>EQUAL</b> marks.<br>(iii) Extra attempt of any question or any part of the attempted question will not be considered. |                      |                                 |                          |

### PART-II

- Q.2. What are lichens? Give detail of their importance. (20)
- Q.3. Differentiate between simple and complex tissue. (20)
- Q.4. Give the classification and economic importance of main groups of Algae. (20)
- Q.5. What is Numerical Taxonomy? Explain cladistic analysis. (20)
- Q.6. What is fertilization? Explain different mode of seed dispersal in angiosperms. (20)
- Q.7. Who proposed binomial nomenclature, give its detail. Why Latin is used in nomenclature? (20)
- Q.8. Discuss the relation of Pteridophytes and gymnosperms. Highlight the advance characters of Pteridophytes with examples. (20)

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