

# KHYBER PAKHTUNKHWA, PUBLIC SERVICE COMMISSION

## COMPETITIVE EXAMINATION FOR THE POSTS OF PROVINCIAL MANAGEMENT SERVICES (BPS-17)

2013

### BOTANY, PAPER-II

TIME ALLOWED: 03 HOURS

MAX:MARKS: 100

Note:- Attempt any Five questions. All questions carry equal marks.

- Q.No.1. Explain in detail an Euploidy and its kinds? 20
- Q.No.2. How Carbon Reduction Cycle takes place in Photosynthesis? 20
- Q.No.3. What is a Genetic Code and how it plays role in Protein Synthesis? 20
- Q.No.4. What is Water Logging and describe the ways to control it in Pakistan? 20
- Q.No.5. What is Seed Germination and which factors effect on it? 20
- Q.No.6. How Mendel succeeded in his work and describe Second Law of Mendel with its significance? 20
- Q.No.7. Write about Ecological Zones of Pakistan? 20