



## Rawalpindi Women University

### Department of Botany

### PhD Botany Entry Test Fall, 2026

**Total Marks: 100**

**Time allowed: 2 Hrs**

**Name:**

**Roll Number:**

**Date:**

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#### Section A: Objective

**70 Marks**

**Note: Choose the correct option. Cutting/Overwriting is not allowed. Each statement carries one mark**

**1. Area of soil around the roots is called**

- a) Rhizosphere
- b) Phyllosphere
- c) Mesosphere
- d) None

**2. Example of parthenocarpic fruit is**

- a) Banana
- b) Mango
- c) Guava
- d) None

#### SECTION B Subjective

**30 Marks**

**Note: Write detailed answers on book provided. Each question carries 15 marks.**

QNo1. What are phytohormones. Discuss their types roles and mechanisms in plant metabolism

QNo2. Define Biodiversity. Discuss threats to biodiversity and their management strategies with reference to Pakistan.