

**KERALA AGRICULTURAL UNIVERSITY**  
**B.Sc (Hons.) Ag 2013 Admission**  
**V<sup>th</sup> Semester Final - Examination- January-2016**

**Cat. No: Hort. 3105**  
**Title: Fruit Crops (2+1)**

**Marks: 50.00**  
**Time: 2 hours**

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**I Answer all questions**

**(10 x 1=10)**

**What are the following?**

- a. Pusa Nanha
- b. Parthenogenesis
- c. San Pedro
- d. Gamboge
- e. Polyembryony

**Give two examples each**

- f. Diploid banana varieties
- g. Commercial varieties of pineapple
- h. Grape varieties suitable for raisin making
- i. Papaya varieties suitable for papain extraction
- j. Intergeneric hybrids in citrus

**II Write short notes on any FIVE questions**

**(5 x 2=10)**

1. Annonaceous fruits
2. Training and pruning in pomegranate
3. Ecological races in avocado.
4. Staggered production in pineapple
5. High density planting in apple
6. Methods of propagation in pineapple
7. Flowering ,fruit set and fruit development in jack

**III Write short essay on any FIVE questions**

**(5x 4=20)**

1. Training systems in grapes.
2. Pomological classification in fig.
3. Alternate bearing in mango.
4. Sex expression and inheritance pattern in papaya.
5. Crop regulation in guava.
6. Fruit growing zones of India. Also highlight nutritional importance of fruits.
7. Bud wood certification programme in citrus.

**IV Write essay on any ONE**

**(1 x 10=10)**

1. Give a detailed account of the production technology of banana variety Nendran
2. Describe the different systems of classification of citrus