

# Faculty of Agriculture

## End Semester Examination May 2025

### AG3CO29 Production Technology for Fruit & Plantation Crops

<b>Programme</b>	:	B. Sc. (Hons.)	<b>Branch/Specialisation</b>	:	AG
<b>Duration</b>	:	3 hours	<b>Maximum Marks</b>	:	50

**Note:** All questions are compulsory. Internal choices, if any, are indicated. Assume suitable data if necessary.  
 Notations and symbols have their usual meaning.

#### Section 1 (Answer all question(s))

<b>Q1.</b> Which of the following is variety of Litchi?	<b>Marks CO BL</b>
	1      3      1

<b>Rubric</b>	<b>Marks</b>
Shahi	1

- Pottee                                    Kasab  
 Shahi                                    All of these

<b>Q2.</b> Litchi is basically a _____ crop.	1      3      1
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<b>Rubric</b>	<b>Marks</b>
Sub-tropical crop	1

- Temperate                                    Tropical  
 Sub-tropical                                    All of these

<b>Q3.</b> Rootstock is basically-	1      2      1
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<b>Rubric</b>	<b>Marks</b>
Both A&B	1

- A part of a plant, often an underground part                            Stem with a well developed root system  
 Both (A) & (B)    None of these

<b>Q4.</b> Which of the following is Tropical fruit?	1      2      1
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- Pear    Banana  
 Blueberry    All of these

<b>Q5.</b> Grafting method is done in which of the following crop?	1      1      1
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<b>Rubric</b>	<b>Marks</b>
All	1

- Guava    Apple  
 Cherry    All of these

**Q6.** Correct botanical name of ‘Walnut’ is-

1 1 1

Rubric	Marks
<i>Juglans regia</i>	1

- Juglans raga*  
 *Juglans nexia*
- Juglans regia*  
 All of these

**Q7.** Sapota can be propagated by-

1 4 1

Rubric	Marks
Both A and C	1

- Approach grafting  
 Tissue culture
- Cutting  
 Both (A) & (C)

**Q8.** Commercial variety of ‘Sapota’ is-

1 4 1

Rubric	Marks
All	1

- Kallipatti  
 Oval
- Cricket Ball  
 All of these

**Q9.** Which of the following fruit crop is known as a Wonder fruit of the tropics?

1 5 1

Rubric	Marks
Papaya	1

- Cashew nut  
 Papaya
- Sapota  
 Litchi

**Q10.** Kalipati X Cricket ball is a parentage of \_\_\_\_\_ Variety of Sapota.

1 5 1

Rubric	Marks
PKM-3	1

- CO-1  
 CO-2
- PKM-3  
 Kirthibarthi

### Section 2 (Answer all question(s))

Marks CO BL

**Q11.** List any five fruits with botanical name.

2 1 1

Rubric	Marks
List any 5 fruits with botanical name?	2

**Q12.** Explain Climacteric and non- climacteric fruits.

2 1 2

Rubric	Marks
Explain Climacteric and non- climacteric fruits?	2

**Q13. (a)** Write the Importance and scope of fruit and plantation crop industry in India.

4 1 2

Rubric	Marks
Importance and scope of fruit and plantation crop industry in India?	4

(OR)

**(b)** Describe in brief about commercial varieties of citrus.

Rubric	Marks
Describe in brief about commercial varieties of citrus.	4

### Section 3 (Answer all question(s))

Marks CO BL

**Q14.** What do you understand by major fruits?

2 2 2

Rubric	Marks
What do you understand by major fruits?	2

**Q15.** Explain in brief about classification of fruits.

2 2 2

Rubric	Marks
Explain in brief about classification of fruits.	2

**Q16. (a)** Elaborate the detailed production technology of mango.

4 2 2

Rubric	Marks
Elaborate the detailed production technology of mango?	4

(OR)

**(b)** Discuss the detailed production technology of grape.

Rubric	Marks
Discuss the detailed production technology of grape.	4

### Section 4 (Answer all question(s))

Marks CO BL

**Q17.** Discuss the propagation of pineapple.

2 3 2

Rubric	Marks
Discuss the propagation of pineapple.	2

**Q18. (a)** Write down the detailed production technology of pomegranate.

6 3 1

Rubric	Marks
Write down the detailed production technology of pomegranate.	6

(OR)

**(b)** Give detailed cultivation of strawberry.

Rubric	Marks
Give detailed cultivation of strawberry.	6

### Section 5 (Answer all question(s))

Marks CO BL

**Q19.** What do you understand by minor fruits?

2 4 2

Rubric	Marks
What do you understand by minor fruits?	2

**Q20.** What is rootstock? Explain propagation techniques in walnut.

2 4 2

Rubric	Marks
What is rootstock?	1
Explain propagation techniques in walnut.	1

**Q21. (a)** Give detailed cultivation of papaya.

4 4 1

Rubric	Marks
Give detailed cultivation of papaya.	4

(OR)

**(b)** Discuss the insect pest and disease in pear.

Rubric	Marks
Discuss the insect pest and disease in pear.	4

### Section 6 (Answer all question(s))

Marks CO BL

**Q22.** Write down botanical description of coconut and arecanut.

2 5 1

Rubric	Marks
Write down botanical description of coconut.	1
Write down botanical description of arecanut.	1

**Q23.** Discuss the insect pest and disease in tea.

2 5 1

Rubric	Marks
Discuss the insect pest and disease in tea.	2

**Q24. (a)** Give detailed production technology of coffee.

4 5 1

Rubric	Marks
Give detailed production technology of coffee.	4

(OR)

**(b)** Give detailed production technology of rubber.

Rubric	Marks
Give detailed production technology of rubber.	4

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