



Faculty of Agriculture

End Semester Examination May 2025

AG3CO29 Production Technology for Fruit & Plantation Crops

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

Marks CO BL

Q1. Which of the following is variety of Litchi?

1 3 1

Rubric	Marks
Shahi	1

- ☐ Pottee ☐ Kasab
☒ Shahi ☐ All of these

Q2. Litchi is basically a _____ crop.

1 3 1

Rubric	Marks
Sub-tropical crop	1

- ☐ Temperate ☐ Tropical
☒ Sub-tropical ☐ All of these

Q3. Rootstock is basically-

1 2 1

Rubric	Marks
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

Q4. Which of the following is Tropical fruit?

1 2 1

- ☐ Pear ☒ Banana
☐ Blueberry ☐ All of these

Q5. Grafting method is done in which of the following crop?

1 1 1

Rubric	Marks
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 regia*
☐ *Juglans nexia*
☐ All of these

Q7. Sapota can be propagated by-

1 4 1

Rubric	Marks
Both A and C	1

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

Q8. Commercial variety of 'Sapota' is-

1 4 1

Rubric	Marks
All	1

- ☐ Kallipatti
 ☐ Cricket Ball
☐ Oval
 ☒ 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
 ☐ Sapota
☒ Papaya
 ☐ Litchi

Q10. Kalipati X Cricket ball is a parentage of _____ Variety of Sapota.

1 5 1

Rubric	Marks
PKM-3	1

- ☐ CO-1
 ☒ PKM-3
☐ CO-2
 ☐ 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
