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SUBJECT CODE NO: - BNP-2714
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (NEP) (P-2024) S.Y Sem III
Examination November / December 2025
Horticulture (Orchard Management of Fruit Crops)

[Time:1 Hour]

[Max. Marks: 30]

N. B

Please check whether you have got the right question paper.

- 1) Attempt all questions in Part A and any four in Part B
- 2) Draw Diagram wherever Necessary
- 3) Use Only blue or black pen for writing.

Part A

Q1 Attempt all five questions, 5x2=10 marks
 Choose correct answer from Given Option

10

- 1) Soil may be defined as:
 - a) A solid mass of minerals only
 - b) Superficial earth crust
 - c) A mixture of sand and clay only
 - d) Organic matter alone
- 2) Minimum temperature tolerance varies with:
 - a) Plant type and growth stage
 - b) Soil pH only
 - c) Wind speed
 - d) Salinity
- 3) Which of the following climatic factors is not directly included in the basic environmental conditions influencing fruit production?
 - a) Temperature
 - b) Humidity
 - c) Soil texture
 - d) Rainfall
 - c) Soil texture
- 4) The ability of a plant to set and mature fruit without aid of pollen from other flowers or plants is called
 - a) Cross-fruitfulness
 - b) Fertility
 - c) Self-fruitfulness
 - d) Sterility
- 5) To improve pollination and fruit set in papaya, approximately what percentage of male plants should be maintained?
 - a) 5%
 - b) 10%
 - c) 15%
 - d) 20%

Part B

Choose Any Four Questions out of six-, 4x5=20 marks

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|---|---|
| Q2 Define Fruit Gardening and Orchard. Explain their importance in horticultural development | 5 |
| Q3 Suggest remedial measures to overcome unfruitfulness in fruit crops. | 5 |
| Q4 Explain the growth and fruiting habit of fruit crops. | 5 |
| Q5 Discuss the factors to be considered while selecting a site for an orchard. | 5 |
| Q6 What is mulching? Describe its advantages and disadvantages. | 5 |
| Q7 Define multi-storied cropping and explain its benefits. | 5 |