

NEB-GRADE XII  
2080 (2023)

## Vegetable and Medicinal Plant Production (New Course)

(For technical stream regular students only)

Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Time: 2 hrs.

Full Marks: 50

Attempt all the questions.

### Group 'A'

Rewrite the correct options of each question in your answer sheet. 9×1=9

- The process of applying fertilizers and other nutrients to plants through irrigation systems is known as .....  
A) Fertilizer  
B) Fertigation  
C) Drainage  
D) Transpiration
- Which of these is not the principles of organic farming ?  
A) Principle of Health  
B) Principle of cane  
C) Principle of ecology  
D) Principle of Nutrition
- ..... is a popular variety of cauliflower.  
A) Cardinal  
B) Srijana  
C) California  
D) Kathmandu Local
- The *Abelmoschus esculentus* is the SN of .....  
A) cucumber  
B) carrot  
C) okra  
D) Asparagus
- Which of the following is a medicinal plant ?  
A) Spinach  
B) Neem  
C) Bitter gourd  
D) Garlic
- Mulching is done to .....  
A) Remove excess water from the soil.  
B) Give desire shape to the plant  
C) Conserve soil moisture  
D) Both A and C

Contd...

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(2)

7. In Nepal, commonly used silpaulin plastic ranges from ..... crsm  
A) 45 to 90 B) 245 to 390  
C) 445 to 590 D) 645 to 790
8. Damping off can be controlled by .....  
A) Applying irrigation  
B) Avoiding irrigation  
C) Both A and B  
D) None of these
9. Seed rate required for cucumber is ..... per ha.  
A) (300-400)gm  
B) (400-500)gm  
C) (30-40) Kg  
D) (3-4) Kg

**Group 'B'**

Short answer questions <https://dhanrajgurung.com/> 5×5=25

10. Classify vegetables based on pollination. Also write the importance of vegetable seed production in Nepal.
11. Write about the climate, soil, manure and fertilizer, harvesting techniques for onion crops.
12. How can you produce cabbage seeds using specific methods or techniques?
13. Recommend any four varieties of radish, brinjal, cabbage, bitter gourd and okra for mid hills.
14. Why hot bed is used in vegetable farming? Write in brief about preparation of hot bed.

**Group 'C'**

Long answer questions 2×8=16

15. What are the importance of MAP's production in Nepal? Enlist the major constraints of MAP's in Nepal.
16. If you are technician, how would you explain the cultivation practices of potato?