

Time : 2 Hours

**HOME VEGETABLE GARDENS**

**(For Children With Special Needs)**

**Subject Code**

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**Total No. of Questions : 7**

**(Printed Pages : 8)**

**Maximum Marks : 40**

- INSTRUCTIONS :* (i) All questions are compulsory.  
(ii) The answers are to be entered in the space provided on the question paper.  
(iii) Figures to the right indicate full marks.

1. (A) Fill in the blanks with the most suitable words from the brackets :

- (i) All the following can be used for composting except .....  
(Vegetable peels, dry leaves, paper, plastic bag) ½
- (ii) The most common worms used for vermicomposting are .....  
(ground worm, red worm, roundworm) ½

(B) Look at the picture and answer the questions :

(i) What is this called ? 1  
.....



(ii) Give one advantage of using this as a medium to grow vegetables ? 1  
.....  
.....

(C) The picture shows continuous harvest.



(i) What is meant by continuous harvest ? 1

.....

.....

(ii) How does one ensure a continuous harvest ? (1 point) 1

.....

.....

(iii) Name a container for growing vegetables that is UV treated ? 1

2. (A) Look at the picture and answer the questions :

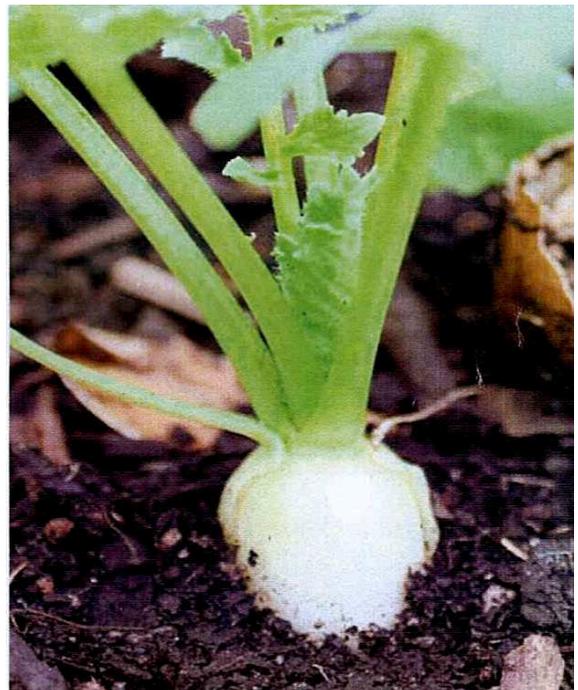
Tick the correct one.

(a) The vegetable is a : ½

- (i) root vegetable
- (ii) fruit vegetable
- (iii) flower vegetable.

(b) The vegetable grows best in : ½

- (i) summer
- (ii) winter
- (iii) monsoon



(B) (i) Why should compost pits be generally kept covered with a wire mesh ? 1

.....  
.....

(ii) What is the function of the broken brick layer in vermicomposting ? 1

.....  
.....

(C) (i) Name one climber. 1

.....

(ii) What is meant by modified parts of a plant ? 1

.....

(iii) Name one winter vegetable. 1

.....

3. (A) Fill in the blanks with the most suitable words from the brackets :

(i) Ladyfinger seeds are sowed by .....

(broadcasting, Line or Row Sowing, dibbling) ½

(ii) Seedlings are ready to be transplanted .....

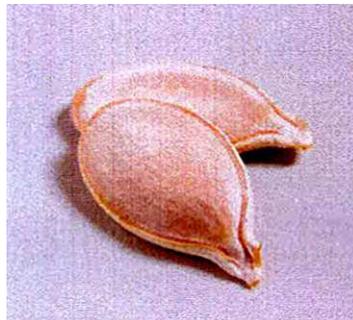
(after one week, when the first leaf appears, when they have 3-4 leaves) ½

- (B) Seeds are most important part of plant to grow vegetables.  
Look at the picture and answer the questions :



- (i) Name the method of seed sowing ? 1  
.....
- (ii) Which seeds are sown by these methods ? 1  
.....

- (C) Identify the vegetable seed and method to sow it.



- (i) Vegetable seed ..... . 1
- (ii) Method to sow ..... . 1
- (iii) A good medium is very important for sowing of seeds.  
What is a good growing medium for sowing seeds ? 1  
.....  
.....

4. (A) Match the symptom to the picture. Choose the symptom from the words in the bracket : 1  
 (deformed leaves, discoloration, wilting mottling)



(a)



(b)

(a) .....

(b) .....

- (B) Look at the picture and answer the questions :



(a) Name this insect. 1

.....

(b) Why should you encourage this insect to live in your garden ? 1

.....

- (C) Look at the picture and answer the questions :

(1) Tick the correct one.

(a) The vegetable is a :  $\frac{1}{2}$

- (i) stem vegetable
- (ii) flower vegetable
- (iii) fruit vegetable



- (b) This vegetable is grown : 1/2  
 (i) Only in winter  
 (ii) Only in summer  
 (iii) Throughout the year

- (2) Name the above vegetable : 1  
 .....
- (3) How will we know when this vegetable is ready for harvesting ? 1  
 .....

5. (A) Fill in the blanks with the most suitable words from the brackets :  
 (i) Spacing when planting green coriander seeds should be around ..... 1/2  
 (1 meter, 50 cm, 5 cm)  
 (ii) Which of the following spices gives a spicy taste to food ? 1/2  
 .....  
 (mint, green coriander, green chilli)

- (B) Pest control is very important in order to get better vegetable yield. Look at the picture given below, name the methods of pest control. 2



- (a) .....  
 (b) .....

- (C) Plant disorder and diseases are very common.  
 (1) How can we treat fungal diseases in plants ? 1

- .....  
 .....
- (2) Name a biofertiliser that is gaining popularity these days. 1  
 .....

(3) The picture shows leaf spots :

(i) What are these leaf spots  
caused by ? 1



.....

6. (A) Fill in the blanks with the most suitable words from the brackets :

(1) For healthy bones and teeth we need to have .....  
in our diet. 1/2

(Iron, Calcium, Vitamin C)

(2) Deficiency of Vitamin A causes ..... diseases. 1/2  
(Anemia, blindness, goiter)

(B) Look at the picture and answer the questions.



(i) Name the vegetable. 1

.....

(ii) State *one* health benefit of this vegetable. 1

.....

.....

(C) Spices and herbs are important additives to the food that we eat :  
Look at the picture and answer the question.



- (1) Tick the correct answer. 1/2
- (a) It is propagated from : 1/2
- (i) Seed
- (ii) Cutting
- (iii) Rhizome
- (b) The plant grows in : 1/2
- (i) full sun
- (ii) shade
- (iii) both sun and shade

(2) Name the above spice : 1

.....

(3) State *one* health benefit of this spice : 1

.....

.....

7. (A) Draw a neat diagram showing a plant in pot. 2

(B) Draw a neat diagram of a brinjal. 2