

Koushal Bodh Hydroponics

1. Which of the following is NOT an advantage of hydroponics?

- A. Efficient use of water**
- B. Less dependence on soil**
- C. Requires large farmland**
- D. Can be used in urban areas**

2. The water used in hydroponics should contain:

- A. Only sugar**
- B. Essential nutrients**
- C. Only salt**
- D. No minerals**

3. What makes hydroponics different from ordinary farming?

- A. Plants receive sunlight**
- B. Plants require water**
- C. Plants are grown without soil**
- D. Plants have roots**

4. Why are nutrients added to water in hydroponics?

- A. To change its colour**
- B. To provide essential nutrients to plants**
- C. To make the plants taller immediately**
- D. To remove sunlight**

5. What is the main purpose of plant roots in hydroponics?

- A. To absorb nutrients and water**
- B. To produce flowers**
- C. To provide sunlight**
- D. To produce soil**

6. Hydroponics can help produce vegetables:

- A. In places with limited fertile soil**
- B. Without any water**
- C. Without nutrients**
- D. Without sunlight in all cases**

7. Which organ helps a plant absorb water and minerals?

- A. Flower**
- B. Root**
- C. Fruit**
- D. Leaf**

Hydroponics can be practised in:

- A. Small spaces**
- B. Only huge farms**
- C. Only deserts**
- D. Only forests**

9. A plant grown hydroponically still needs:

- A. Water, nutrients and suitable light**
- B. Soil only**
- C. No nutrients**
- D. No water**

10. Which of the following is a possible hydroponic growing system?

- A. Plants with roots supplied by nutrient-rich water**
- B. Plants kept completely dry**
- C. Plants kept without roots**
- D. Plants kept in darkness**

11. What would happen if the nutrient solution is not properly maintained?

- A. Plant growth may become poor**
- B. Plants will automatically grow better**
- C. Plants will produce soil**
- D. Roots will disappear**

12. In hydroponics, roots should have access to:

- A. Water, nutrients and oxygen**
- B. Only soil**
- C. Only sunlight**
- D. Only carbon dioxide**

13. Which of these can make hydroponics suitable for rooftops?

- A. It can be done in limited space**

- B. It requires huge fields**
- C. It requires no water**
- D. It requires deep soil**

14. Why should hydroponic plants receive sufficient light?

- A. For photosynthesis**
- B. To absorb soil**
- C. To produce minerals**
- D. To replace water**

15. If a hydroponic system receives too little light, plants may:

- A. Show poor growth**
- B. Grow without nutrients**
- C. Produce soil**
- D. Stop needing water**