Assignment 10

You may have to complete the following 
Assessment and/or the given block.

1. Discuss the importance of 

Unit 1 - Week 10

Course outline

Assignment 10

Due on 2020-04-08, 23:18 IST

Assessment

Module 5

Module 6

Module 7

Module 8

Module 9

Module 10

Module 11

Module 12

EXAMINATION MODE

Test Yourself

1. Discuss the importance of...

2. Explain the working and functionality of the hydroponics system.

3. Discuss the following steps in the hydroponics process cycle below.

4. Describe the following block diagram shown to the right.

5. What are the following terms related to plant growth and development in the diagram above?

6. List the main advantages of hydroponics compared to traditional agriculture.

7. What are the potential limitations of hydroponics technology?

8. Analyse the following techniques to reduce plant stress in hydroponics systems.

9. Describe the growth and development cycle of a typical hydroponics system.

10. Discuss the role of water quality and nutrient supply in hydroponics systems.

11. Discuss the effect of light intensity and duration on plant growth in hydroponics systems.

12. Explain the mechanisms involved in nutrient uptake and assimilation in hydroponics systems.

13. Discuss the impact of temperature on plant growth in hydroponics systems.

14. Explain the role of aeration and oxygen supply in hydroponics systems.

15. Discuss the importance of water chemistry in hydroponics systems.

16. Discuss the role of soil substitutes in hydroponics systems.

17. Discuss the advantages and disadvantages of using different media in hydroponics systems.

18. Discuss the role of irrigation in maintaining the balance of nutrients in hydroponics systems.

19. Discuss the importance of nutrient management in hydroponics systems.

20. Discuss the impact of disease control measures in hydroponics systems.

21. Discuss the role of pest management strategies in hydroponics systems.

22. Discuss the role of hormone applications in hydroponics systems.

23. Discuss the role of biofertilizers in hydroponics systems.

24. Discuss the importance of crop rotation in hydroponics systems.

25. Discuss the role of crop residue in hydroponics systems.

26. Discuss the role of crop management in hydroponics systems.

27. Discuss the role of crop varieties in hydroponics systems.

28. Discuss the role of crop protection in hydroponics systems.

29. Discuss the role of crop diseases in hydroponics systems.

30. Discuss the role of crop pests in hydroponics systems.

31. Discuss the role of crop weeds in hydroponics systems.

32. Discuss the role of crop nutrition in hydroponics systems.

33. Discuss the role of crop water in hydroponics systems.

34. Discuss the role of crop soil in hydroponics systems.

35. Discuss the role of crop climate in hydroponics systems.

36. Discuss the role of crop microclimate in hydroponics systems.

37. Discuss the role of crop environment in hydroponics systems.

38. Discuss the role of crop technology in hydroponics systems.

39. Discuss the role of crop infrastructure in hydroponics systems.

40. Discuss the role of crop management strategies in hydroponics systems.

41. Discuss the role of crop production in hydroponics systems.

42. Discuss the role of crop marketing in hydroponics systems.

43. Discuss the role of crop distribution in hydroponics systems.

44. Discuss the role of crop consumption in hydroponics systems.

45. Discuss the role of crop utilization in hydroponics systems.

46. Discuss the role of crop preservation in hydroponics systems.

47. Discuss the role of crop processing in hydroponics systems.

48. Discuss the role of crop transportation in hydroponics systems.

49. Discuss the role of crop trade in hydroponics systems.

50. Discuss the role of crop policy in hydroponics systems.

51. Discuss the role of crop legislation in hydroponics systems.

52. Discuss the role of crop development in hydroponics systems.

53. Discuss the role of crop promotion in hydroponics systems.

54. Discuss the role of crop research in hydroponics systems.

55. Discuss the role of crop extension in hydroponics systems.

56. Discuss the role of crop education in hydroponics systems.

57. Discuss the role of crop public awareness in hydroponics systems.

58. Discuss the role of crop community participation in hydroponics systems.

59. Discuss the role of crop stakeholder engagement in hydroponics systems.

60. Discuss the role of crop policy implementation in hydroponics systems.

61. Discuss the role of crop policy monitoring in hydroponics systems.

62. Discuss the role of crop policy evaluation in hydroponics systems.

63. Discuss the role of crop policy feedback in hydroponics systems.

64. Discuss the role of crop policy review in hydroponics systems.

65. Discuss the role of crop policy communication in hydroponics systems.

66. Discuss the role of crop policy dissemination in hydroponics systems.

67. Discuss the role of crop policy implementation in hydroponics systems.

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