Q1). Fill in the blanks

a. The science that deals with the growth of ______ and ______ for human use is called agriculture.

b. The production of food grains has increased several fold due to _______.

c. A large number of plants grown at the same place for food is called a _______.

d. Cereals give us nutritious seeds called ______ which are rich in _______.

e. ______ and _______ are rich sources of minerals and vitamins.

f. Pesticides include ____________ and ______________.

g. Harvesting is done using a ___________ or a ______________.

h. A combine is used for both ___________ and ______________.

i. Large scale storage of grains is done in _______ and ______________. 

Q2. NPK Fertilizers contain

(a) Nitrogen, Potassium and Calcium.

(b) Nitrogen, Phosphorus and Potassium.

(c) Nitrogen, Potassium and Phosphorus.

(d) Nitrogen, Phosphorus and Keratin.

Q3. Which one of the following can be used to prevent the disease called rust in wheat?

(a) An insecticide (b) A Rodenticide

(c) A fungicide (d) A Herbicide

Q4.) Which one of the following is not a method to maintain the fertility of soil?

(a) Crop rotation

(b) Mixed cropping
Q5. Name the branch of agriculture that deals with the production of vegetables, fruits, flowers and decorative plants.

Q6. Name a very common weed that grows with almost every crop.

Q7. Define:

1. Tilling
2. Broadcasting
3. Transplantation
4. Manure
5. Fertilizers
6. Irrigation
7. Nitrogen cycle
8. Ammonification
9. Emasculation
10. Harvesting
11. Threshing
12. Winnowing

Q8. What are the advantages of sowing seeds using a seed drill?

Q9. Briefly describe various methods by which soil fertility can be maintained.

Q10. List harmful effects of overuse of fertilizers.

Q11. Write four differences between manures and fertilizers.

Q12. Name and describe modern methods of irrigation.

Q13. Give two examples of

a. Plants grown using the method of transplantation.

b. Weedicides.

c. Insecticides.

d. Fungal diseases of wheat

Q14. What is weeding and why is it necessary?

Q15. What are the various methods by which weeding is done.

Q16. How does circulation of nitrogen gas through grain piles help in storing them for much longer period of time?

Q17. A farmer was using a lot of fertilizers for the improvement of his produce from the field. List any two harmful effects of fertilizers on environment. How will you convince him to restrict the use of fertilizers?