

# Agriculture & Forestry University, Rampur

## Soil Fertility, Fertilizer and Integrated Nutrient Management (QUIZ) – 2079/01/06

1. Purple colour Shown due to the deficiency of Phosphorus is due to the accumulation of .....
2. A soil sample was taken for organic matter analysis and 4 % organic matter was found. The % of organic carbon in that sample is:
3. White bud in maize is due to .....
4. Whiptail in cauliflower is due to .....
5. Melanosis in wheat is due to .....
6. Akiochi disease is caused due to .....
7. Crackle leaf of cotton is due to deficiency of .....
8. Function of Sulphur:
  - .....
  - .....
  - .....
9. Function of potassium:
  - .....
  - .....
  - .....

10. Deficiency of Boron:

- .....
- .....
- .....

11. Write down the differences between the available forms of nitrogen NO<sub>3</sub><sup>-</sup> and NH<sub>4</sub><sup>+</sup>.

NO <sub>3</sub> <sup>-</sup>	NH <sub>4</sub> <sup>+</sup>

12. Write down the criteria for nutrient essentiality:

- .....
- .....
- .....

13. Why urea is preferred over other nitrogenous fertilizers.

14. Write down any 3 nitrogenous fertilizers with their nitrogen percentage.

15. Write down any two nitrification fertilizer.