**KIIT WORLD SCHOOL**

**Class: -VIII (SCIENCE) ASSIGNMENT 1 CROP PRODUCTION**

**Date of giving: -\_\_\_\_\_\_\_\_\_\_ Section: A Date of submission:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Q1. UN has declared 2014 as International Year of**

1. **Biodiversity b) Peace c) Family Farming d) Chemisty**

**Which of the following is grouped under cereals?**

 **a) pineapple b) bajra c)peach d) tomato**

**Q2. Which of the following is not a rabi crop?**

 **a)wheat b)rice c)pea d) soya bean**

**Q3. Which of the following is used to scare away birds in fields?**

 **a) scarecrow b)rifle c) tree d) bow and arrow**

**Q4. Which of the following is not a method of irrigation?**

1. **Furrow b) sprinkler c) canals d) nursery**

**Q5. Which of the following is known for his pioneering work in promoting green revolution in India ?**

 **a) Verghese Kuriene b) M.S. Swaminathan c) Narayan Murti d)Ram Dev**

**Q6. Give one word for the following:**

1. **Chemical compounds used to increase soil fertility.**
2. **Leaving the field to rest for one season after harvesting one crop.**
3. **Raising the crop by providing organic manure and applying biological control.**
4. **Overflooding the field causing accumulation of water for long.**
5. **Animals that attack and damage crops.**

 **SECTION B**

**Q7. Why is it necessary to plough the land before sowing seeds? U**

**Q8. Name the basic steps in the preparation of the soil. U**

**Q9. What do you mean by crop rotation? Why should it be recommended to the farmers? U/A**

**Q10. State the old methods of irrigation used in India. K**

**Q11. Why is drip irrigation the best method of watering plants? A**

**Q12. Draw a schematic flowchart listing out the various agricultural practices in sequential order.**

**Q13. How is excessive irrigation harmful to the crops? AN**

**Q14. What do you mean by nitrogen fixation? K**

**Q15. What makes leguminous plants capable of fixing atmospheric nitrogen?**

 **SECTION C**

**Think and answer:**

**Q16. Ravi’s grandfather , a farmer in Shivalik village , sows cotton and groundnut crops together on the same field and always gets excellent yields of both. What do you think could be the reason for sowing them together? AN**

**Q17. In a farm there was a big pond with variety of fish. In a last couple of years it was found that the number of fish was reduced to one fourth. While checking it was observed that algae growth was increased and oxygen level got reduced. What could be the probable reason? AN**

**Q 19. As we are progressing as a nation new schools are opening in rural areas and literacy rate is rising. But once educated most of the young people leave the village and prefer to settle in towns. Discuss the impact. AN**

 **WHAT IS FAMILY FARMING?**

Family farming includes all family-based agricultural activities, and it is linked to several areas of rural development. Family farming is a means of organizing agricultural, forestry, fisheries, pastoral and aquaculture production which is managed and operated by a family and predominantly reliant on family labour, including both women’s and men’s.