



Date : 17-03-2009
Time : 0930-1230 hours

SECTION II

- (1) What are the factors influencing on soil forming process and soil development and explain them briefly.
- (2) Briefly explain the importance of non- living soil constituents on plant growth.
- (3) (a) What is meant by the term soil consistency?
(b) Explain the role of soil temperature on crop production
- (4) (a) Write a short essay on the biological nitrogen fixation.
(b) Explain how C: N ration influences on the decomposition of organic matter.
- (5) "Soil pH affect on all the processes in soil". Discuss this statement giving reasons.
- (6) (a) Describe different methods of fertiliser applications in agriculture.
(b) Write an account on the effects of organic fertilizer on soil properties.