

C 5716

(Pages : 2)

Name.....

Reg. No.....

SECOND SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2021

Common Course

SDC 2AG 06—ORGANIC AGRICULTURE

Time : Two Hours and a Half

Maximum : 80 Marks

(A) Very Short Objective Answer Questions. 2 marks each :

- 1 _____ is an example of micro nutrient.
- 2 Whip tail in cauliflower is caused due to the deficiency of _____.
- 3 _____ is an example of concentrated manure.
- 4 Suitable species of earthworm used for composting is _____.
- 5 Soil productivity is expressed in _____.
- 6 Lodging of plant is due to the toxicity of _____ nutrient.
- 7 Muriate of potash contain _____ amount of potassium.
- 8 _____ the source of potassium for chlorine sensitive crop.
- 9 When green manuring crops are grown and incorporated in the same field, it is known as _____.
- 10 An example for bio fertilizer is _____.
- 11 Give an example of agrochemical permitted in organic farming
- 12 Father of modern organic farming _____.
- 13 _____ is the farming system which comprises of raising of crops and rearing of livestock.
- 14 The controlling body for organic certification for export is _____.
- 15 An example for primary pollutant is _____.

(Ceiling - 25 marks)

(B) Short Answer Questions. 5 marks each :

- 16 Define Integrated Farming System with suitable example.
- 17 Differentiate green manuring and green leaf manuring.

Turn over

- 18 Write characteristics of FYM.
- 19 Differentiate between aerobic composting and anaerobic composting.
- 20 Write short note on micronutrients.
- 21 Potassium fertilizers.
- 22 Biodynamic farming.
- 23 Mixed fertilizer.

(Ceiling - 35 marks)

(C) Essay. Answer any *two* questions. 10 marks each :

- 24 Discuss biological nitrogen fixation mechanism.
- 25 How to address the challenge of nutrient management in organic farming ?
- 26 Describe the methods of application of bio fertilizers.
- 27 Crop residue management in organic farming.

(2 × 10 = 20 marks)