

BACHELOR OF VOCATION
Agriculture
Subject: Basics of Agriculture Farming
Subject Code: AGR-503
Semester: First
December 2019
Theory (External): 70 Marks
Time: 03 hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 2 marks.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 10 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number

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SECTION –A (OBJECTIVE TYPE QUESTIONS)

(10x2=20 Marks)

- A. Name the factors affecting agriculture.
- B. What is OFF-FARM?
- C. Explain cropping pattern in 5 lines.
- D. What is UAV?
- E. What is IOT?
- F. What is three tier model.
- G. What is NDDB. When it was formed?
- H. What is IFOAM?
- I. What are negative externalities caused by use of fossil fuel based chemicals.
- J. What is CNG?

SECTION –B (ESSAY TYPE QUESTIONS)

(5x10=50 Marks)

1. What are factors affecting agriculture? Explain.
2. Explain Double hurdle model of OFF-FARM income determination.
3. Explain difference between traditional and modern dairying.
4. Why we need to take up organic farming methods.
5. What is IOT? Explain its role in agriculture.
6. Explain Bio CNG is used as alternative fuel?
7. Explain UAV, its principle and mechanism.
8. Explain role of agriculture in Indian economy.

*******END OF PAPER*******