## **BACHELOR OF VOCATION**

Agriculture

**Subject: Basics of Agriculture Farming** 

Subject Code: AGR-503

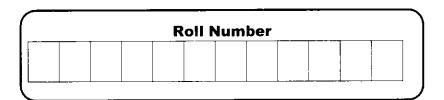
Semester: First December 2019

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



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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?
- 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\*\*\*\*