

**BACHELOR OF VOCATION**  
**Agriculture**  
**Subject: Basics of Agriculture Farming**  
**Subject Code: AGR-503**  
**Semester: First**  
**January 2021**  
**Theory (External): 70 Marks**  
**Time: 03 Hours**

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**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

<b>Roll Number</b>											

**SECTION -A (SHORT/OBJECTIVE TYPE QUESTIONS)**  
**(10x2=20 Marks)**

- A. When and where did agriculture begin?
- B. What are Off farm inputs in agriculture?
- C. What do you mean by agriculture innovation?
- D. How is ICT used in agriculture?
- E. What is NDDDB, when was it formed?
- F. Briefly explain what is Micro-Finance?
- G. Highlight the external disadvantages of fossil fuels when burned.
- H. Highlight warehouse activities.
- I. Briefly explain Cropping Pattern.
- J. What do you understand by Non-Farm essentials?

**SECTION -B (ESSAY TYPE QUESTIONS)**  
**(5x10=50 Marks)**

1. Explain the stages of agricultural development?
2. How have innovative methods enhanced the Dairy industry? Briefly bring out the differences between Traditional and Modern dairy industry.
3. What is Agriculture waste generation? How can we use agriculture waste?
4. Explain what is Bio-CNG? Explain in detail the potential of Bio-CNG in India.
5. Explain how the Three-Tier model helps in maximizing profit and productivity.
6. Explain UAV, it's principle and mechanism.
7. How does IOT help transforming the future of agriculture?
8. How will Organic farming methods benefit the agricultural yields? Explain the role of agriculture in Indian economy?

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