

Roll No.

**Course: B.Voc, Program: Agriculture**  
**Subject: Vermicompost Production II, Code: AGB-21306**  
**Semester III**

**Time: 03 Hours**

**Max Marks: 70**

**Instructions to the Students:**

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of short answer type. All questions are compulsory. Each question carries 2 marks.
3. Section B comprises 8 long answer type questions out of which students must attempt any 5. Each question carries 10 marks.
4. Do not write anything on the question paper.

Q.No.	SECTION –A (SHORT ANSWER TYPE QUESTIONS)	Marks
1. a	Which chemical is used to protect vermi-beds from ants?	(2)
b	What is vermicompost rich in?	(2)
c	What is vermicomposting?	(2)
d	What is the maximum temperature required for vermicomposting?	(2)
e	Which product cannot be used for vermicomposting?	(2)
f	Which species of earthworm is not recommended for vermicomposting?	(2)
g	What is the process of converting organic waste into fertilizers using earthworms called?	(2)
h	What forms the second layer of compost?	(2)
i	What is the major advantage of vermiculture technology?	(2)
j	What is the role of earthworms in the burial of waste?	(2)

**SECTION –B (LONG ANSWER TYPE QUESTIONS)**

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| 2. | What is vermicomposting? Which materials are required for Vermicompost Production? | (10) |
| 3. | What are the advantages and disadvantages of vermicomposting?                      | (10) |

4. Explain any two major techniques in vermiculture for (10)
5. What type of container should I use for vermicomposting? How do I set up a vermicomposting container? (10)
6. What type of worms should I use for vermicomposting? What should I feed the worms? What should I avoid adding to the vermicomposting bin? (10)
7. How do I maintain the worms in winter? (10)
8. How do I harvest the compost and worm castings? (10)
9. Is Vermicompost a natural manure? Explain the natural method of vermicomposting. (10)

==END OF PAPER==