

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)**

**CLASS: IMSc
BRANCH: FOOD TECHNOLOGY**

**SEMESTER: V
SESSION : MO/2019**

SUBJECT : IMF5003 AGRICULTURE PRACTICES

TIME: 1.5 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 30.
 2. Candidates may attempt for all 30 marks.
 3. In those cases where the marks obtained exceed 25 marks, the excess will be ignored.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. The missing data, if any, may be assumed suitably.
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- Q1 (a) Explain in brief the greenhouse effect. [2]
(b) Discuss the various types of environment. [3]
- Q2 (a) What is global positioning system? [2]
(b) "The need for public awareness about environment is vital importance." Discuss. [3]
- Q3 (a) Why farm organically? [2]
(b) Explain in brief about precision farming and their importance. [3]
- Q4 (a) Explain the type of cropping system. [2]
(b) Discuss the agricultural region in our country. [3]
- Q5 (a) What is orthodox and recalcitrant seeds? [2]
(b) Write down the characteristics of good quality seeds. [3]
- Q6 (a) Define seeds. [2]
(b) Describe the function and use of DNA fingerprinting. [3]

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