

B.R.A.Bihar University Muzaffarpur

M.Phil Botany

Session -2014-15

Assignment Questions

Paper –I

Full Marks-30

किन्ही तीन प्रश्नों का जबाब दें | सभी प्रश्नों का मान बराबर है |

1. Give an account of deduction and induction in scientific research.
2. What is statistics? Describe its importance and limitations.
3. Describe in brief the measures of **central tendency**.
4. What is statistics? Describe its importance and limitations.

Paper –II

1. What is microscope? Briefly describe the working of Transmission Electron Microscope.
2. Explain the principle of Beer-Lambert's law of spectrometry.
3. Give an account of Agarose Gel Electrophoresis.
4. How DNA is isolated from plant tissues? Explain.

Paper –III

1. Describe the structure and function of mitochondria.
2. What is cell cycle? Describe its regulation in plants.
3. What do you mean by 'cloning'? Describe cloning strategies in plants.
4. Describe the structure of membrane in plant cells.
