Roll No…….. **Total No. of Printed Pages: [1]**
Total No. of Questions: [09]

B.Sc. (Hons.) Agriculture (Semester – 3rd)
AGRICULTURAL INFORMATICS
Subject Code: BAGRS1357
Paper ID: [19130126]

Time: 03 Hours **Maximum Marks: 60**

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A **(2 marks each)**

Q1. Attempt the following:

a) Define Computer Programming
b) What is WWW?
c) What is E-agriculture
d) What is INTERNET?
e) What are Features of Power point
f) What are Geospatial techniques
g) Give Function of Control unit
h) Write Components of MS-Office
i) Give Classification of expert system
j) Write Difference between RAM and ROM

Section – B **(5 marks each)**

Q2. Write two features of Java and FORTRAN?
Q3. How smart phone mobile apps useful in agriculture
Q4. What is GIS? Explain in detail any two uses of GIS.
Q5. What is Database? What are the advantages of using database?
Q6. Define software; explain the types of software with example.

. **Section – C** **(10 marks each)**

Q7. Describe the components and application of decision support systems.
Q8. How to contingent crop planning and crop calendar using IT tools.
Q9. Discuss characteristics of computer and different types of computer models in agriculture.