

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 18

B.Sc. Honours (Agriculture) (Sem.-3)

AGRI-INFORMATICS

Subject Code : BSAG-304-19

M.Code : 78659

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

Write briefly :

- 1) What are the various Functions of Operating System?
- 2) What is World Wide Web?
- 3) How charts are useful in excel?
- 4) What is word processor? Cite two examples.
- 5) What is the purpose of Decision Support System?
- 6) a) Name any two computer models used in Agriculture?
b) What are various types of programming languages?
- 7) What is Mail-merge?
- 8) What is Post harvest management?
- 9) What is ICT?
- 10) What are the uses of DBMS in Agriculture?

SECTION-B

- 11) Explain advantages & disadvantages of Internet.
- 12) How smartphone applications helpful in agriculture?
- 13) Define expert system. List some expert systems used in agriculture and their utilities.
- 14) What are different tools used for data collection in ICT.
- 15) What is an operator? Explain arithmetic, relational, logical and assignment operator.

SECTION-C

- 16) What are spreadsheets? Discuss how these can be used for statistical analysis and solving mathematical expressions.
- 17) Write short note on the following :
 - a) Geo-spatial Technology.
 - b) Inbuilt and user-defined functions used in programming Language.
- 18) What are plant processes? Write down the various computer models used for it.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student