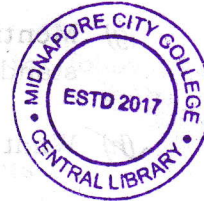# 2023

AGS 3rd Semester Examination

B.Sc. Hons. in Agriculture

Agri-Informatics

PAPER — AGS-304

Full Marks : 50

Time : 2 hours

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

*Answer from **all** the Groups as directed.*

GROUP—A

1. Answer *any* **five** questions from the following :
   2×5=10

   (a) What is ICT?

   (b) Differentiate HTTP from HTML.

   (c) Mention different types of computers.

(d) How can Microsoft Excel be utilized for generating descriptive statistics?

(e) Describe the key structures of Soil Information System. 5

(f) Write a short note on Kisan Suvidha app.

(g) Mention the key elements in creating a standard graph.

(h) What is Graphical User Interface?

GROUP—B

2. Answer any **four** questions from the following : 5×4=20

(a) Write down the importance of post-harvest management in modern Agriculture. 5

(b) Describe the rewards of ICT in Agriculture. 5

(c) Explain different features of Excel. 5

(d) What is LaTex? How can Microsoft Word be used for mathematical expression editing? 2+3=5

(e) What is software? Explain different types of software. 5

(f) What is meant by OS? Describe different types of OS. 5

GROUP—C

3. Answer any **two** questions from the following : 10×2=20

(a) What is GEOGLAM? Write its uses. What is e-Agriculture? Describe its role in modern production system. (2+3)+2+3=10

(b) Define the importance and role of geospatial technologies in agricultural system. 10

(c) Briefly describe the uses of DBMS in Agriculture. 10

(d) Discuss the expert system for decision support in Agriculture. 10

★ ★ ★