

**A-0435**

**Total Pages : 4**

**Roll No. -----**

**GIS-501/DGIS-501/CGIS-501/MGIS-501**

**Introduction to Informatics**  
**(MAGIS/MSCGIS/DGIS/CGIS)**

**1<sup>st</sup> Semester Examination 2024(Dec.)**

**Time: 2:00 hrs**

**Max. Marks: 70**

**Note :** This paper is of Seventy (70) marks divided into Two (02) Section A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

**P.T.O.**

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## **Section-A**

### **(Long-Answer-Type Questions)**

Note : Section 'A' contains Five (05) long-answer-type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

[2x19=38]

- Q.1. What do you understand by computer programme?
- Q.2. What is an operating system and how does operating system perform memory management in a system?
- Q.3. Define the relationship between hardware and software of a computer system with examples?
- Q.4. What is web browser? Explain the different types of web browsers examples?
- Q.5. Define DBMS. Explain the various components of DBMS?

## **Section-B**

### **(Short-Answer-Type Questions)**

Note : Section 'B' contains Eight (08) short-answer-type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only.

[4x8=32]

- Q.1. Briefly explain the use of computer in remote sensing and GIS education?
- Q.2. What is the purpose of ROM in a computer system?
- Q.3. What do you mean by pixels?
- Q.4. Difference between EPROM and EEPROM.
- Q.5. Write a short note on cloud computing?
- Q.6. Define LAN?

P.T.O.

Q.7. What is a star topology?

Q.8. Differentiate between LAN, MAN and WAN?

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