

**C1066**

Total Pages : 3

Roll No. ....

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

**Introduction to Informatics**

(MAGIS/MSCGIS/DGIS/CGIS)

1st Semester Examination, 2022 (June)

**Time : 2 Hours]**

**Max. Marks : 80**

**Note :** This paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

**SECTION–A**

**(Long Answer Type Questions)**

**Note :** Section 'A' contains Five (05) long answer type questions of Twenty (20) marks each. Learners are required to answer any Two (02) questions only.

(2×20=40)

1. Explain the application of information technology.
2. Explain the difference between primary memory and secondary memory with the help of example.

3. What is network topology? Explain the different types of Network Topologies.
4. Describe ISO-OSI reference model of computer network.
5. Define is Internet. Explain why Internet is called a ‘network of networks’?

## **SECTION–B**

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

**Note :** Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

1. What is normal form? Explain first normal form (1 NF) and second normal form (2 NF) with the help of example.
2. What is the different between Primary keys and foreign key? Explain with the help of example.
3. What is Excel? What are the different types of charts available in Excel? Explain with an example.
4. Explain the difference between system software and application software.
5. What is an Operating System? Explain different types of Operating system.

6. What is a computer? What are the different Types of computers? Explain.
  7. What are the functions of an operating system? Explain.
  8. Explain the following terms :
    - (a) Algorithm.
    - (b) Stack.
    - (c) Queue.
    - (d) Process.
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