

**Roll No.**

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**Total No. of Pages : 01**

**Total No. of Questions : 10**

**M.Planning (Sem.-1)**  
**GEO-INFORMATICS SYSTEMS-I**

**Subject Code : UC-MURP-102**

**M.Code : 77245**

**Date of Examination : 10-01-2023**

**Time : 3 Hrs.**

**Max. Marks : 60**

**INSTRUCTIONS TO CANDIDATES:**

1. Attempt any FIVE questions in all.
2. Each question carries TWELVE marks.

1. What are the components of information system? What is the role of information system in any organization?
2. What is DBMS? State its functions. What are the advantages and implications of using a DBMS?
3. Write a note on GIS Data models. Compare the advantages and disadvantages of same.
4. What are geo-spatial technologies? Write applications of geospatial technologies in planning?
5. Write a note on various nodal agencies/portals/ where in relevant data for socio-economic planning can be assessed.
6. State differences between a Website & Web Services with examples. Write a note on Web GIS Server Components.
7. What is Cloud computing? Explain different service model it provides.
8. What is data sharing? How the security of data is ensured while sharing information?
9. Identify the major information systems that support each organizational level.
10. Give an overview of the National Urban Information System. Elaborate on its mission and various schemes.

**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.**