

Roll No.

Total No. of Pages : 02

Total No. of Questions : 10

M.Planning (Sem.-1)
GEOINFORMATICS SYSTEMS-I
Subject Code : UC-MURP-102
M.Code : 77245

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions in all, selecting ONE question i.e at least ONE from each unit.

UNIT-I

- Q1 a) Describe components of an information system. 8
- b) What do you understand by the hierarchy of an information system? Also, discuss its importance. 12
- Q2 Discuss briefly loops of an information system. 20

UNIT-II

- Q3 a) Define GIS. Explain various components of GIS. 10
- b) Define Resolution. Discuss any two types of resolution. 10
- Q4 Write short notes on the following :
- a) City Engine 10
- b) QGIS 10

UNIT-III

- Q5 Discuss working and importance of NUIS and NSSO. 20
- Q6 Describe data provided by the Pollution Control Board and Metrology in Geoinformatics systems. 20

UNIT-IV

- Q7 Discuss evaluation of different data storage systems in information systems. 20
- Q8 Discuss how availability of open source software is changing the GIS sector. 20

UNIT-V

- Q9 Discuss characteristics and components of cloud computing with neat sketches. 20
- Q10 “Data warehousing and Data mining: Future of Geoinformatics” Give your inputs. 20

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.