Reg. No. | | | | | | | | | |

GIS 503

Third Semester M.Sc. Degree Examination, December 2018/January 2019
GEOINFORMATICS
Cartography

Time : 3 Hours Max. Marks : 70

I. Define **any five** of the following : **(2×5 = 10)**

1) Spherical coordinates.
2) Multi DOT maps.
3) GPS.
4) DEM.
5) Map scale.
6) Cadastral map.
7) Cartography.

II. Write short notes on **any five** of the following : **(4×5 = 20)**

8) Buffer.
9) Chorochromatic system.
10) Decision making system.
11) Data structure in GIS.
12) Importance of cadastral records.
13) Modern cartography.
14) Flow chart model.

P.T.O.

III. Answer **any four** of the following : **(5×4 = 20)**

15) Write a note on marginal information of hydrographic chart.

16) Explain the evolution of cartography.

17) Write a note on DOT and multi DOT maps.

18) Explain the importance of the GIS in traffic management.

19) Discuss the GIS applications in urban infrastructure planning.

IV. Essay type questions :

20) What is map projection ? Add a note on the various map projections.

OR

Describe the detail the map design and layout in cartography. **10**

21) Discuss in detail cartographic models.

OR

Give a detailed application of Triangulated Irregular Network model (TIN). **10**

———————