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**GIS 505**

**Third Semester M.Sc. Degree Examination, December 2018/January 2019**  
**GEOINFORMATICS**  
**Applied Geoinformatics**

Time : 3 Hours

Max. Marks : 70

I. Define **any five** of the following.

**(2×5=10)**

- 1) Spectral resolution
- 2) Metropolitan city
- 3) CBD
- 4) Slum
- 5) Temporal spectral index
- 6) DGPS
- 7) Urban sprawl.

II. Write short notes on **any five** of the following.

**(4×5=20)**

- 8) Spatial and spectral resolution in urban studies.
- 9) Urban landuse classification system.
- 10) Precision forming.
- 11) Pollution in developing cities.
- 12) Rural development programme.
- 13) Solid waste management in cities.
- 14) Origin of town.

P.T.O.



III. Answer **any four** of the following.

**(5×4=20)**

- 15) Write a note on types of urban growth.
- 16) Give an account of RS and GIS applications in socio-economic information analysis.
- 17) Write a note on RS and GIS applications in watershed management.
- 18) Describe the regional and multi level planning in urban growth.
- 19) Write a note on method of land surface temperature analysis using RS.

IV. Essay type questions.

20) Discuss the applications of RS and GIS in village information system.

OR

Describe the globalization and its impacts on agriculture and rural development.

**10**

21) Describe the role of RS and GIS in urban planning and management.

OR

Write a note on significance of agriculture in growth and development of nation.

**10**

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