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SEAT No. :

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M.A./M.Sc.

GEOGRAPHY

Gg- 322: Geography Of Soils

(2013 Pattern) (Credit System) (Semester - III)

Time : 3 Hours]

[Max. Marks : 38

Instructions to the candidates:

- 1) Attempt any two questions from Q.1 to Q.4.*
- 2) Question 5 and 6 are compulsory.*
- 3) Draw figures/maps wherever necessary.*
- 4) Figures to the right side indicate full marks.*
- 5) Use of map stencils is allowed.*

Q1) a) Define the term Hydrology. **[2]**

b) Establish relation between soils and forest. **[4]**

c) Explain the role of parent material in soil formation. **[4]**

Q2) a) What is meant by soil porosity? **[2]**

b) Explain the processes of humus formation. **[4]**

c) Explain different processes of physical weathering. **[4]**

Q3) a) What is land capability? **[2]**

b) Explain how incorrect methods of farming affect quality. **[4]**

c) What do you mean by soil acidity? **[4]**

Q4) a) What is soil texture? **[2]**

b) Explain soil horizon. **[4]**

c) Explain role of bio chemical properties in soil. **[4]**

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Q5) a) Explain in detail soil color and soil temperature. [4]

b) Explain the process of soil formation. [5]

Q6) a) Discuss the problems of soil contamination. [4]

b) Explain the problems of overgrazing. [5]

