

Total No. of Questions :4]

SEAT No. :

**P681**

**[5315]-216**

[Total No. of Pages :2

**S. Y. B. Sc.**

**GEOGRAPHY**

**Gg - 222: Watershed Management -II  
(2013 Pattern) (Semester-II) (paper -II)**

*Time : 2 Hours]*

*[Max. Marks :40*

*Instructions to the candidates :*

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Draw neat diagrams and sketches wherever necessary.*
- 4) *Use of map stencils is allowed.*

**Q1)** Answer the following questions in two or three sentences each (Any Ten):**[10]**

- a) What is watershed?
- b) What is drainage map?
- c) Define watershed survey.
- d) What is hydrologic data?
- e) Write any two advantages of participatory planning.
- f) What is capacity building?
- g) Write any two components of livelihood security.
- h) What is cost sharing?
- i) What is check dam?
- j) Give any two traditional methods of storage of harvested water.
- k) Define contour bunding.
- l) Write any two benefits of soil conservation.
- m) What is dryland farming?

**P.T.O.**

**Q2)** Write short notes on the following (Any Two): **[10]**

- a) Benefits of survey methods.
- b) Food security.
- c) Gully plugging.
- d) Resource Mapping.

**Q3)** Answer the following questions in 100 words ( Any Two): **[10]**

- a) Explain database generation method in resource appraisal.
- b) Explain livelihood security.
- c) Explain traditional methods of soil conservation.
- d) Explain crop production techniques

**Q4)** Answer the following questions in 200 words (Any One): **[10]**

- a) Explain the need of planning for small rainfed catchments.
- b) Explain the watershed based farming system.

