

Total No. of Questions : 6]

SEAT No. :

P262

[Total No. of Pages : 2

**Oct.-16/BE/Insem.-110**  
**B.E. (Semester - I)**  
**INTEGRATED WATER RESOURCES AND PLANNING**  
**(2012 Pattern)**

*Time : 1 Hour]*

*[Max. Marks : 30*

*Instructions to the candidates:*

- 1) Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6.*
- 2) Neat diagrams must be drawn wherever necessary.*
- 3) Figures to the right side indicate full marks.*
- 4) Assume suitable data if necessary.*

- Q1) a)** State and explain “National Water Policy”. **[4]**
- b) What are the causes of flood? And explain in brief the control measures for it. **[6]**

OR

- Q2) a)** Explain in brief “water as finite resource”. **[6]**
- b) Write a note on “Riparian rights”. **[4]**
- Q3) a)** “Water as an economic good”. Explain. **[4]**
- b) What are the global and national perspectives of water crisis? **[6]**

OR

- Q4) a)** Explain - Benefit cost analysis. **[4]**
- b) Write a note on “water scarcity”. **[6]**
- Q5) a)** What is the use of geoinformatics in management of flood? **[5]**
- b) What are the causes of flood? And explain in brief the control measures for it. **[5]**

**P.T.O.**

OR

- Q6)** a) What are the control measures for water logging, salinity and siltation of storages? [5]
- b) Explain “inter basin water transfer”. [5]

