



School of Development Studies

MBA Rural Management

Batch-7 (2018-2020)

Understanding Water Systems: Aquifers, Rivers, and Ponds

Term Examination

October 2019

Time - 3 Hour

MM-70

The question paper contains 01 printed pages.

Instruction: Please read all the questions carefully and understand it properly prior to answer the questions. Answer any four questions, Question 1 is compulsory. Please use diagram, graphs/infographics and table wherever you feel it is necessary.

- Q.1. Write down short notes on the following within 100 words: [25 marks]
- a) Difference between Coined and Uncoined Aquifers
 - b) Advantages and Disadvantages of Surface water, ground water and rainwater
 - c) Difference between Water table and subsoil surface
 - d) Describe Ecology and Ecosystem of a river
 - e) Economics of understanding water system
- Q.2. What do you understand by the following terms: Porosity, primary porosity, secondary porosity, permeability, specific yield, Specific Retention, Storage Coefficient, Transmissivity? [15 marks]
- Q.3. Understanding an ecosystem is necessary for the balance of nature. Explain your understanding about its types, features and functions? [15 marks]
- Q.4. Underground water system in India is depleting day by day, what are the reasons for this? In context to India justify your thought whether the underground system is sufficient to meet the water demand. [15 marks]
- Q.5. As a programme manager what are the “factors” or “considerations” you must consider or explore before selecting a water source for drinking purpose. Justify your logic. [15 marks]
- Q.6. What do you mean by Village water security plan, Discuss in details? [15 marks]
- Q.7. What do you mean by water budget? Discuss the implication of water budget in water management? [15 marks]
- Q.8. Discuss the problem of water scarcity? [15 marks]
- Q.9. Describe the feature of water policy 2012 developed by government of India? According to your understanding is the policy addressing all the gaps at current period of time. Justify your answer with 150 words. [15 marks]
- Q.10. Why there is a need of water policy required for our country? Describe what are the challenges our country is facing at current period? Use data and graphical presentation or case study to justify your thought. [15 marks]

15 marks]