

**Final Assignment**  
**Date: 02/07/2020**

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**Course Details**

**Course Title:** \_\_\_\_\_ Integrated Water Resource Managment \_\_\_\_\_  
**Instructor:** \_\_\_\_\_

**Module:** \_\_\_\_\_ 3 \_\_\_\_\_  
**Total Marks:** \_\_\_\_\_ 50 \_\_\_\_\_

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**Student Details**

**Name:** \_\_\_\_\_

**Student ID:** \_\_\_\_\_

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**Question 1.** (10)

Pakistan having the diverse geography and topographic features is one of the worst hit areas concerning water scarcity. Give a detailed account of the reasons and the solutions of the problems.

**Question 2.** (10)

In your opinion, what are the factors which influence the recharge most in Pakistan? Please provide a detailed account.

**Question 3.** (20)

There are several natural and artificial recharge techniques. Considering those techniques, please devise a plan about how those techniques can be used for the recharge of groundwater in different geographical conditions of Pakistan.

**Question 4.** (10)

What are the major highlights of groundwater laws and policies in Pakistan? With the dramatic increase in ground water exploitation, describe the main policy issues related to the groundwater conservation? Please also suggest the policy issues that you consider important to address for the ground water management in Pakistan