

TT 744
MAJOR TEST

7.5.2007

MM: 50

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| Q. 1. How would you design a porous membrane that would filter out PVA size from the waste water? | 10 |
| Q. 2. Discuss the ways to remove toxic metal ions from a chemical processing waste effluent. | 10 |
| Q. 3. How can PP fibre waste be transformed into useful products? | 10 |
| Q. 4a. What do you mean by membrane fouling? Discuss ways to solve this problem: | 5 |
| Q. 4b. Discuss ways to use textile solid waste for the separation of arsenic from contaminated water. | 5 |
| Q. 5a. How can you make a composite nonwoven membrane? | 5 |
| Q. 5b. How can PET waste be managed? Discuss various options available to you. | 5 |