

[CT5520-OCW DRINKING WATER TREATMENT 2 \(2006-2007\) \(4398-2006OCW\)](#) > [CONTROL PANEL](#) > PREVIEW ASSESSMENT: DRINKING WATER II: DESIGN

Preview Assessment: Drinking water II: Design

Name Drinking water II: Design

Instructions

Multiple Attempts Not allowed. This Test can only be taken once.

Force Completion This Test can be saved and resumed later.

▼ **Question Completion Status:**

Question 1

10 points

Save

Wich of the following plans has lately diminished in importance?

- ☐ Policy plan DIV, Ministry of Environmental plannning
- ☐ Long-range plan, VEWIN
- ☐ Provincial policy plan, Province
- ☐ Provincial management plan, Province
- ☐ Regional plans, Province
- ☐ Zoning plan, Municipality
- ☐ Demand coverage plan, Water company
- ☐ Long-range investment plan, Water company
- ☐ Company plan, Water company

Question 2

10 points

Save

Indicate which elements can be found in the pre-design and not in a sketch design

- ☐ Compilation of pre-studies
- ☐ Description of alternative solutions
- ☐ Founding of selected alternative
- ☐ Treatment scheme (block scheme)
- ☐ Process scheme
- ☐ Hydraulic line scheme
- ☐ Terrain lay-out (plan of patches)
- ☐ Spacial design drawings
- ☐ Specification of main components
- ☐ Phasing of realization
- ☐ Cost estimate

Question 3

10 points

Save

Indicate the different groups of exploitation costs following NEN 2632

- ☐ fixed costs
- ☐ energy costs

- ☐ ground costs
- ☐ construction costs
- ☐ additional costs
- ☐ maintenance costs
- ☐ administration costs
- ☐ specific company costs
- ☐ establishment costs

Question 4**10 points**[Save](#)

Indicate the different groups of investment costs following NEN 2631

- ☐ fixed costs
- ☐ energy costs
- ☐ ground costs
- ☐ construction costs
- ☐ additional costs
- ☐ maintenance costs
- ☐ administration costs
- ☐ specific company costs
- ☐ establishment costs

Question 5**10 points**[Save](#)

Indicate characteristics of annuity repayment

- ☐ Constant repayment and constant interest
- ☐ Increasing repayment and decreasing interest
- ☐ Constant repayment and decreasing interest
- ☐ Increasing repayment and constant interest

Question 6**10 points**[Save](#)

The net present value is used for comparison of different alternatives of production installations. Which of the following elements are included in the net present value?

- ☐ present investment costs
- ☐ future investment costs
- ☐ present operational costs
- ☐ future operational costs
- ☐ indexation of future costs

Question 7**10 points**[Save](#)

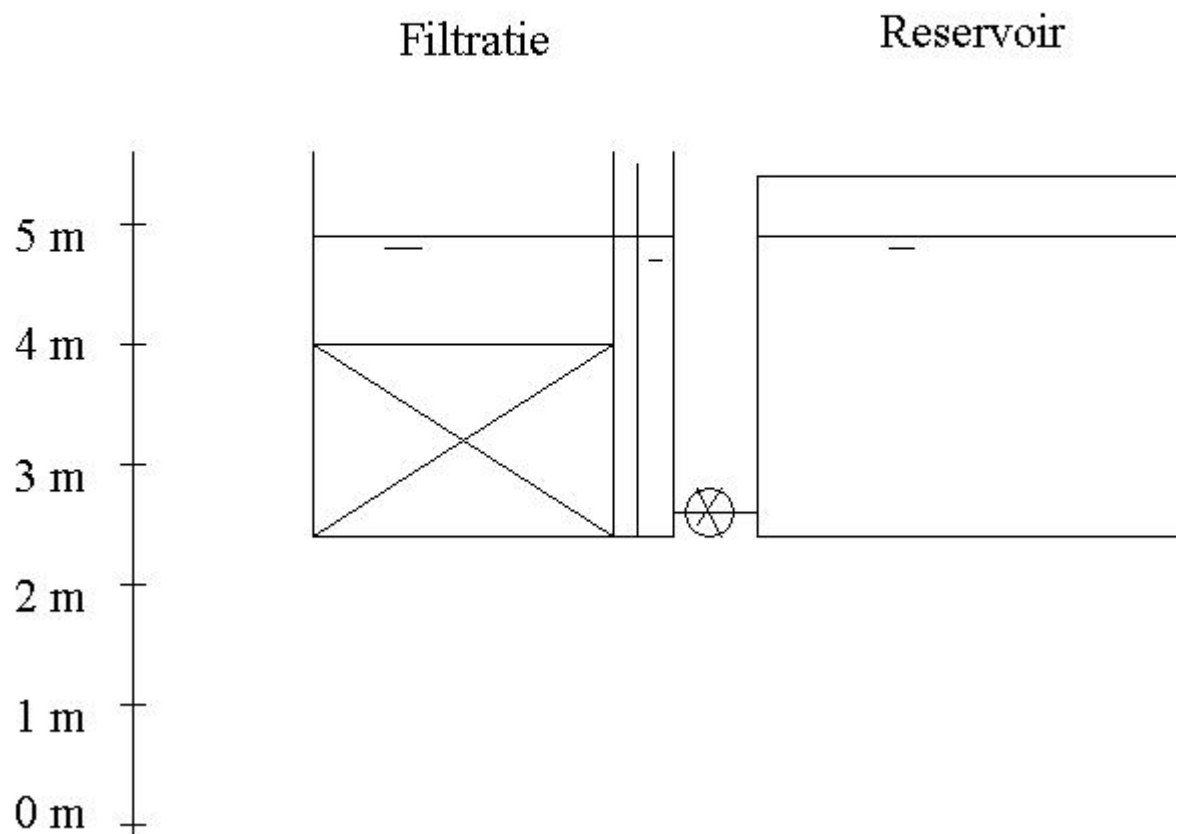
What is the purpose of a process flow diagram

Determination of height of treatment steps

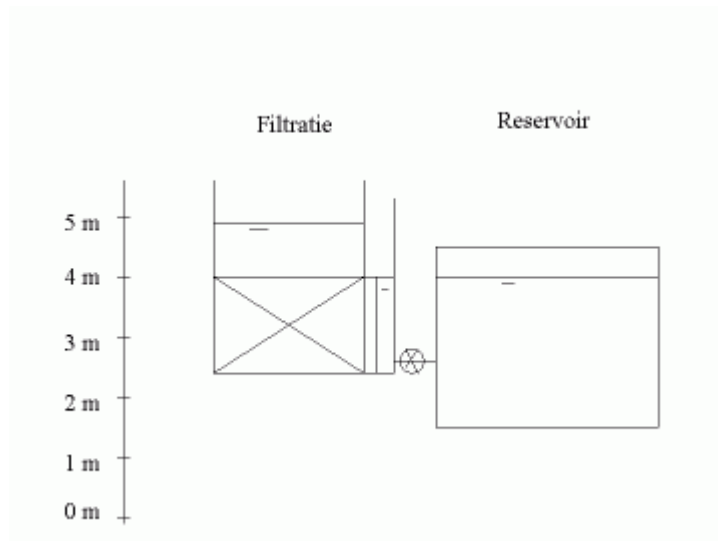
- ☐
- ☐ Determination of Lay out of terrain
- ☐ Indication of direction of flows
- ☐ Indication of division of flow over units
- ☐ Determination of functional valves
- ☐ Determination of dimensions of building
- ☐ Analysis of operational actions

Question 8

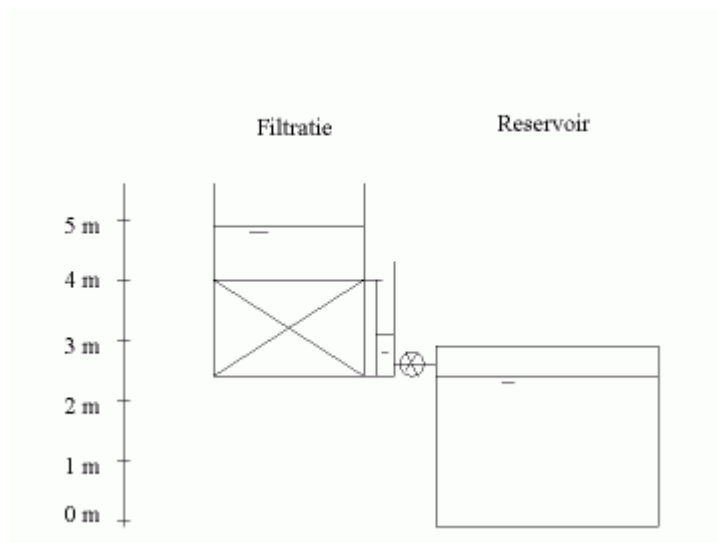
Wich of the 4 design can hydraulically be considered as the most optimal solution.



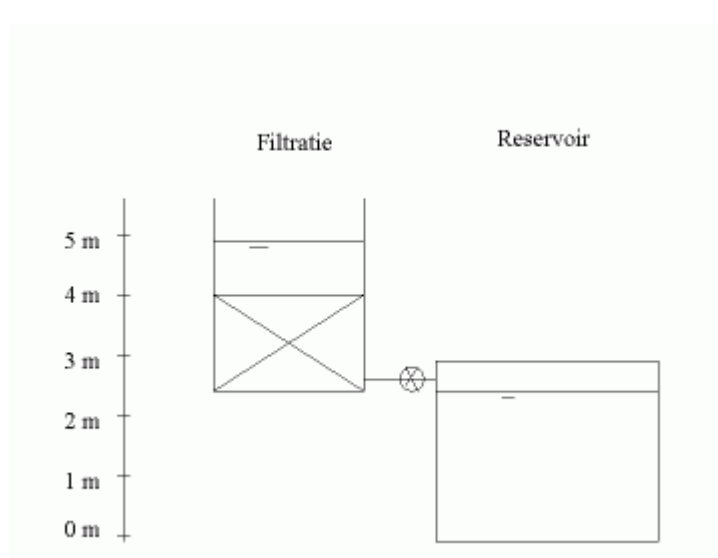
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