

Signature des surveillants



Session : ..... Concours : .....

Ne rien écrire ici

Epreuve de : .....

Nom : ..... Prénoms : .....

Institution d'origine : .....

Identifiant : [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] Série : [ ] [ ] [ ]

Total des doubles feuilles remises  
.....1.....

Concours Nationaux d'Entrée aux Cycles de Formation d'Ingénieurs

Session : Juin 2005 ..... Concours : Toutes options .....

Epreuve de : ANGLAIS (ANSWER SHEET) .....

PART I:

I-

desalination method	process	advantages	drawbacks
Previous one	distilling the water and leaving behind the salt residue	XXXXXXXXXXXX	- requires big amount of heat energy - expensive
New one	(reverse osmosis) pumping salt water through polymer chips	cheaper	XXXXXXXXXXXX

- II - a) False - too expensive for all but middle eastern nations
- b) True - London isn't raining enough - There are plans for setting up desalination plants near London to process Thames & ocean water
- III -
- city expansion / population growth
  - drainage of water aquifers
  - building of golf courses & swimming pools
  - climate change
- IV -
- Sea water is always available
  - half of the global population lives within look of the shoreline
- V -
- The global desalination capacity will increase four times
  - bigger gains in efficiency

5x1=

2x2

3 any 3 of these 4

2

2

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x

VI-

(1) A glass of salt-free water costs half as much as it used to thanks to ... *Competition*,  
*economies of scale, better polymers*

VII-

(2) Plants are being set up in areas/countries traditionally  
known for being in need for water but also in countries  
where water is supposed to be abundant

VIII

- (3)
- *Still expensive*
  - *can't affect countries located far from the coast*

IX-

(1) *desalinating for fresh water*

X-

- (4) 4x1
1. *single*
  2. *flocculating*
  3. *recap*
  4. *scarce*

XI-

- (4) 4x1=
- a) *Mexico city*
  - b) *Debieumont company*
  - c) *Desalination plant*
  - d) *the fact of filtering water from the toilet back into the tap*

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## PART II:

1.

1	that
2	Before
3	a few
4	longer
5	to

6	Since
7	Although
8	increasingly
9	for
10	working

2.

1	have run
2	is threatening
3	trapped
4	pollute
5	changing

6	need
7	are eliminated
8	are turning
9	have been cleared
10	will disappear

3.

1	primarily
3	infectious

2	threaten
4	emission

5 warning

4. 1. Most firms..... should adopt..... strict environmental rule
2. You won't..... become an engineer..... unless you study hard
3. Despite..... fierce criticism from..... the opponents, human cloning is being experimentally work
4. If Sami had not been wearing his seat belt, he..... would have been hurt.
5. Chinese food is..... proud to be the best in the world.....

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## PART III :

A - Translation:

New technologies are being developed by experts in the field of water resource preservation and management, even in those countries which are hardly affected by drought.

B - Writing:

Marking criteria will be discussed and agreed upon on first day of marking.