

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

Epreuve de : .....

Nom : ..... Prénoms : .....

Institution d'origine : .....

Identifiant : ..... Série : .....

Signature des  
surveillants

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) .....

Total des doubles  
feuilles remises

..... 1 .....

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 -  
4 } • 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 100 km of the shoreline

V -  
- The global desalination capacity will increase four times  
- bigger gains in efficiency

# Ne rien écrire ici

NE RIEN ÉCRIRE  
DANS CETTE COLONNE

VI-

A glass of salt-free water costs half as much as it used to thanks to ... competition ...  
economics of scale, better polymers

VII-

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

- still expensive
- can't affect countries located far from the coast

IX-

desalinating for fresh water

X-

1. mingle
2. flocking
3. reap
4. scarce

XI-

- a) Mexico city
- b) Degremont company
- c) Desalination plant
- d) the fact of filtering water from the toilet back into the tap

# Ne rien écrire ici

x

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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..... stricter environmental rule
2. You won't..... become an engineer..... unless you study hard
3. Despite..... fierce criticism from the opponents, human cloning is being experimented with
4. If Sami had not been wearing his seat belt, he..... would have been hurt.
5. Chinese food is..... said to be the best in the world

5x1

Ne rien écrire ici

x

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PART III:

A - Translation:

New technologies are being developed by experts in the field of water resources 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.