

REPUBLIQUE TUNISIENNE  
MINISTRE DE L'ENSEIGNEMENT  
SUPERIEUR ET DE LA  
RECHERCHE SCIENTIFIQUE ET  
DE LA TECHNOLOGIE

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

Session : Juin 2004

Concours :

Signature des  
surveillants

Epreuve de :

Nom :

Prenoms :

Institution d'origine :

Identifiant :

Série :

Total des doubles  
feuilles remises

Concours Nationaux d'Entrée aux Cycles de Formation  
d'Ingénieurs (session Juin 2004)

Epreuve de : ANGLAIS (ANSWER SHEET)

Total des doubles  
feuilles remises

PART I: (30)

I-

A	B	C	D
X		X	

II -

Cause	Effect
Advances in food, public health & medicine	Rise in life expectancy
1 Decoding of human genome	1 understanding of how the body works
Space exploration	1 a) putting men on the moon 1 b) probing distant planets 1 c) launching hundreds of satellites

III -

- 2 (15x4): Acid rain  
the ozone hole  
Nuclear waste  
global warming / environmental toxin

- 2 (2x1) IV - a) Some people are disillusioned with biotechnology because it could lead to harm (ruining the sanctity of human life)  
b) In the USA, there seems to be a decline in interest in science in general, and engineering studies in particular, as shown by the declining number of American students in full-time engineering program

Ne rien écrire ici

4 = (4x1)

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2

4 (2x2)

3

2 (4x1)

4 (4x1)

V - (No need for the students to list all items)

Urban planning	waste water use, congestion, highways, hazard utilization, pollution control
Weather	understanding the nuances of climate change
Security	countering the spread of nuclear arms and germ weapons
Energy	Developing new sources of energy

- VI -
- a) False § 7 Scientific fields rise and fall cycles
  - b) False § 4 G. H. technology has fed worse about foods

- VII -
- a) The physical sciences have reached a dead end (no more major developments)
  - b) There may be major breakthroughs in the future

VIII - (No standard answer) Life without interest in all life today in the dark ages.

- IX -
- 1. b - disliking it
  - 2. a - controlling it
  - 3. c - change
  - 4. b - rose sharply

- X -
- a) breakthroughs
  - b) to cope with
  - c) seek
  - d) generate

# Ne rien écrire ici

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## PART II: 30

1.

1	popularity
2	In fact
3	attendance
4	due to
5	furthermore

6	location
7	lower
8	What's more
9	environmental
10	In short

2.

1	is accepted
2	discovered
3	acts
4	have been made
5	behave

6	describing
7	drew up
8	arranged
9	to predict
10	were discovered

3.

1	In
2	protect/save/preserve
3	the
4	an
5	are

6	for
7	that
8	number
9	about/approximately/nearly, et
10	to

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5

5

PART III: 20

A - Translation:

The advances achieved over the last few years in biotechnology have fed worries of an ethical risk that could lead to the adoption of stricter regulation.

B - Writing:

No standard answer

(Marking guidelines and criteria will be agreed upon for the essay on the first day of marking)