



Concours toutes Options
Epreuve d'Anglais

Date : 08 Juin 2022

Heure : 11H

Durée : 2 H

Nb pages : 08

Barème : Part I : 30 Part II : 30 Part III : 20

IMPORTANT :

1- L'épreuve d'anglais comporte deux séries de feuilles :

- Les énoncés s'étalant sur 4 pages que les candidats sont appelés à garder
- Les feuilles réservées aux réponses (Answers sheets) s'étalant sur 4 pages, lesquelles

Doivent être rendues à la fin de l'épreuve aux professeurs surveillants

2- Il sera tenu compte de la présentation, (l'écriture au crayon n'étant pas permise)

Reading passage:

1- When the world went into lockdown last year, the 1000 employees at Berlin-based tech company Awin did what millions of others did: they flipped open their laptops and started working from the kitchen or dining room. At the same time, Awin started running flat-out as its business with online retailers soared, putting intense pressure on the staff.

2- So last spring the company told everyone to sign off around lunchtime every Friday to ease into the weekend. The experiment was so successful – sales, employee engagement, and client satisfaction all rose – that in January, Awin decided to go a step further, rolling out a four-day week for the entire company with no cuts in salaries or benefits. "We firmly believe that happy, engaged and well-balanced employees produce much better work," says CEO Adam Ross. "They find ways to work smarter, and they're just as productive."

3- Awin is in the vanguard of a trend that's getting increased attention worldwide. Jobs website ZipRecruiter says the share of postings that mention a four-day week has tripled in the past three years, to 62 per 10,000. Consumer goods giant Unilever in December started a year-long trial of the idea for its New Zealand staff. Spain's government is considering a proposal to subsidise companies that offer a four-day week. And even in notoriously busy Japan, whose language includes the word *karoshi* – death from overwork – lawmakers are discussing a proposal to grant employees a day off every week to protect their wellbeing. "The four-day week is picking up momentum," says Will Stronge, director of research at Autonomy, a UK think tank. "For the large majority of firms, reducing working hours is an entirely realistic goal."

4- Labourers and even many office workers used to show up on the job six or seven days a week, though by the late 19th century most at least had Sunday off. In 1926, Henry Ford decided to give workers two free days every week, arguing they would buy more cars if they had more leisure time. They did, and by the end of the next decade most American manufacturers had followed his lead. It took a bit longer elsewhere, with Germany scrapping Saturday shifts only in the 1960s, after unions ran campaigns saying that kids needed more time with their fathers. Over the past two decades, working time in developed countries has gradually decreased; France led the way in 2000 with its adoption of a 35-hour work week. "Many developed economies face a shortage of skilled labour," says Terry Gregory, a researcher at the German Institute of Labour Economics. "That gives workers more power to demand shorter hours."

5- Broad acceptance of a four-day week may be harder. Jack Ma, the billionaire co-founder of Chinese e-commerce giant Alibaba Group, frequently hails his country's gruelling "996" work culture – 9am to

9pm, six days a week – as vital for long-term success. In the UK, the Labour Party lost the 2019 general election even as it campaigned on a pledge to trim the standard working week to 32 hours within a decade. And bosses are reluctant to reduce hours without cutting pay, fearing output will drop. “Employees perform a task more efficiently the more they’ve done it,” says Holger Schafer, a labour market analyst at the German Economic Institute in Cologne. “I don’t believe there are really going to be productivity gains coming from shorter working time.”

6- Yet as the pandemic has slowed growth and increased inequality, there’s a new push to re-engineer workplaces. Almost two-thirds of businesses with a four-day week report improved productivity, according to a study from the University of Reading. A group led by former UK Shadow Chancellor John McDonnell wrote a letter to leaders, including Joe Biden, Boris Johnson, and Angela Merkel urging them to adopt a four-day week to save jobs, rethink working patterns, and reduce energy consumption.

7- Awin CEO Ross says the four-day week is intended to retain the company’s software engineers and account managers. **There have been some teething issues**, such as deciding who will be off when (staff can choose the day they want to stay away or take two half-days), requiring the finance department to stick around five days a week during the January reporting period, and ensuring that client requests coming in on Fridays get prompt attention.

8- About 80 employees volunteered to work in task forces to make the switch as smooth as possible, discussing potential contract changes, cutting hour-long meetings in half, and introducing software to ease collaboration. Awin will assess the results of the trial program this summer, but Ross says the experience has been so positive that he can’t imagine going back. The CEO has felt the change himself: After logging weekly commutes to Berlin from London for six years, he now enjoys a day every week with a clear diary, allowing him to spend time with his family or think about what’s next. Companies used to “make provisions for people’s physical health, but never their mental health,” Ross says. “I see that changing, and we want to be a driver for it.”

Bloomberg Businessweek Stefan Nicola Mar 11, 2021

PART A Reading comprehension (30marks)

I- Choose the best title to the text: (1mark)

- 1- Tell your boss the four-day week is unanimously accepted.
- 2- Tell your boss the four-day week is just an illusion.
- 3- Tell your boss the four-day week is coming soon.

II- Complete the table with information from the text: (5marks)

Dates	Trends related to the work week
1880s / 1890s	
1926	
1960s	
2000	
	Awin rolled out a four-day work week

III- Find justifications to the following TRUE statements: (3marks)

- 1- During the confinement, Awin’s business flourished.
- 2- The Japanese are known to be workaholic.
- 3- Politically, the four-day week has not been a winning card.

IV- Complete with words or phrases from the text: (2marks)

- 1- Awin’s trial consists of maintaining the workers’ and while reducing working hours.

- 2- Since Adam Ross lives in Britain, he's obliged to make to Germany every week. That's why he supports shortening the work week and thinks that the workers' is also of paramount importance.

V- Answer the following questions:

- 1- What are the socio-ecological benefits of adopting the four-day week? (3marks)
- 2- Why has the four-day week faced rejection? (3marks)

VI- Pick out six (6) words or expressions used to identify people in workplaces (3marks)

VII- Choose the correct alternative: (2marks)

- 1- The four-day week is picking up momentum (§3)
 - a- The four-day week is growing stronger.
 - b- The four day-week is gaining little support.
 - c- The four-day week is being rejected fiercely.
- 2- There have been some teething issues (§7)
 - a- There have been some aches in their teeth.
 - b- There have been some encouragements for the workers.
 - c- There have been some difficulties experienced in the early stages.

VIII- Pick out from the text the appropriate information related to the following details: (3marks)

- 1- Multiplied by three.
- 2- Lasting twelve months.
- 3- Two out of three.

IX- Find in the text words or expressions that mean the following: (3marks)

- 1- To support financially (§3)
- 2- A group of people who give advice about what should be done (§3)
- 3- Difficult and laborious (§5)

X- What do the underlined words in paragraph 4 refer to: (2marks)

- 1- did
- 2- that

PART B LANGUAGE (30marks)

I- Put the bracketed words in the right tense or form: (10marks)

For years, clubs in England [1] (choose/regularly) to fly to Premier League matches. Generally, it [2] (be) the quickest and [3] (convenient) option and [4] (give) players and staff maximum time to prepare for games. But as world leaders meet at COP26 in an attempt to avoid the [5] (catastrophe) effects of climate change, is it time for that practice to stop? Manchester United [6] (cause) controversy when they [7] (fly) to Leicester last October, a journey of roughly 100 miles with an [8] (estimate) flying time of around 10 minutes. Recently, BBC Sports [9] (tell) by FIFA that the majority of clubs do travel by air to games at Carrow Road. Arsenal often use this method for journeys to East Anglia, despite [10] (heavily/ criticise) in 2015 for making that journey by plane.

II- Complete with the appropriate word: (The first two letters the word begins with and a synonym of the word are provided to help you) (10 marks)

One of the technologies offering a [1] po.... (= possible) solution to the problem of drought is Michael Mirilashvili, head of Watergen, a [2] fi... (= company) that is using its air-to-water technology to deliver the drinking water to [3] re... (= distant) areas of the world hit by [4] co... (= wars) or climate change. Pulling water out of thin air may [5] so... (= appear) like science fiction, but the technology is [6] ac... (= really) simpler than it seems. The Earth's atmosphere [7] co... (= has) 13 billion tonnes of fresh water. Watergen's [8] ma... (=devices) work by filtering this water vapour out of the air. He says if used [9] co... (= rightly), Watergen's technology could spark a major shift within the water industry that could have a [10] la.... (= continuing) impact on the planet.

III- Express differently starting as given on the answer sheet: (keep the same meaning) (10marks)

- 1- He won't get well unless he gives up smoking.
- 2- Paul didn't realize that he had forgotten his mobile phone in his office until he got on his car.
- 3- The city of Beijing has a dense population.
- 4- They're going to hold next year's meeting online.
- 5- It wasn't necessary for the organisers to postpone the games.
- 6- "Please, don't throw litter everywhere," she asks the visitors.
- 7- Most athletes don't usually take drugs.
- 8- I regret not having taken a university degree.
- 9- In spite of his brilliant success, Paul was not recruited.
- 10- We didn't have an efficient marketing style so we didn't conquer the German market.

PART C Writing (20marks)

I- Re-arrange to obtain a coherent paragraph: (3marks)

- a- Some of its proposed innovations – destroying superbugs,
- b- allows scientists to modify DNA and genes.
- c- The technique is being used in numerous ways,
- d- eradicating and curing HIV- are quite far off.
- e- CRISPR is a gene editing tool that
- f- from medical research to growing crops.

II- Find the Four mistakes in the following sentence and correct them on the answer sheet: (2 marks)

Researches at the University of Birmingham have created a blood test that could possible detect cancer breast up for five years before symptoms appear.

III- Essay: (15marks) (DO NOT EXCEED 15 LINES)

Why do developing countries and especially Tunisia suffer from Brain Drain? Write an essay in which you mention the major causes of the migration of the highly-educated people and suggest some solutions.

Session Juin 2022. Concours : ... Toutes options

Epreuve de :

Nom : Prénom :

Institution d'origine :

Identifiant :

--	--	--	--	--	--

Série :

--	--	--

Total des doubles
Feuilles remises

Ne rien
écrire
ici

N
E

R

I

E

N

E
C
R
I
R
E

I
C
I

Concours Nationaux d'entrée aux cycles de Formation d'Ingénieurs
Session : ... Juin ... 2022..... Concours : Toutes options.....

Epreuve de : ANGLAIS (ANSWERS SHEET)

Part A Reading Comprehension (30 marks)

I- Choose the best title to the text (1mark)

.....

II- Complete the table with information from the text: (5marks)

Dates	Trends related to the work week
1880s / 1890s	
1926	
1960s	
2000	
.....	Awin rolled out a four-day work week

III- Find justifications to the following true statements: (3marks)

- 1- During the confinement, Awin's business flourished.
.....
- 2- The Japanese are known to be workaholic.
.....
- 3- Politically, the four-day week has not been a winning card.
.....

IV- Complete with words or phrases from the text (2marks)

- 1- Awin's trial consists of maintaining the workers' and
..... while reducing working hours.
- 2- Since Adam Ross lives in Britain, he's obliged to make
to Germany every week. That's why he supports shortening the work week and thinks
that the workers' is also of paramount importance.

Total des doubles
Feuilles remises

NE RIEN ECRIRE ICI

N
E

R
I
E
N

E
C
R
I
R
E

I
C
I

V- Answer the following questions:

1- What are the socio-ecological benefits of adopting the four-day week? (3marks)

a-

b-

c-

2- Why has the four-day week faced rejection? (3marks)

a-

b-

c-

VI- Pick out six (6) words or expressions used to identify people in workplaces: (3marks)

1-..... 2-..... 3-.....

4-..... 5-..... 6-.....

VII- Choose the correct alternative: (2marks)

1- The four-day week is picking up momentum (§3):

2- There have been some teething issues (§7):

VIII- Pick out from the text the appropriate information related to the details: (3marks)

1- Multiplied by three:

2- Lasting twelve months:

3- Two out of three:

IX- Find in the text words or expressions that mean the following: (3marks)

1- To support financially (§3):

2- A group of people who give advice about what should be done (§3):.....

3- Difficult and laborious (§5):.....

X- What do the underlined words in paragraph 4 refer to: (2marks)

1- did:.....

2- that:

NE RIEN ECRIRE ICI

N
E
R
I
E
N
E
C
R
I
R
E
I
C
I

PART B LANGUAGE (30marks)

I- Put the bracketed words in the right tense or form (10marks)

1		6	
2		7	
3		8	
4		9	
5		10	

II- Complete with the appropriate word: (The first two letters the word begins with and a synonym of the word are provided to help you) (10 marks)

1	po.....	6	ac.....
2	fi.....	7	co.....
3	re.....	8	ma.....
4	co.....	9	co.....
5	so.....	10	la.....

III- Express differently starting as given (keep the same meaning) (10marks)

- 1- If
- 2- Not until he got in his car
- 3- Beijing is a city.
- 4- Next year's meeting
- 5- The organizers needn't
- 6- She asked the visitors
- 7- Most athletes aren't used to
- 8- I wish
- 9- Even though Paul was
- 10- Had

NE RIEN ECRIRE ICI

N
E

R
I
E
N

E
C
R
I
R
E

I
C
I

PART C Writing (20marks)

I- Re-arrange to obtain a coherent paragraph: (write the corresponding letters) (3marks)

1→..... 2→ 3→ 4→..... 5→ 6→.....

II- Find the Four mistakes and correct them: (2 marks)

Mistake	Correction

III- Essay: (15marks) (DO NOT EXCEED 15 LINES)

Why do developing countries and especially Tunisia suffer from Brain Drain? Write an essay in which you mention the major causes of the migration of the highly-educated people and suggest some solutions.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

SUGGESTED ANSWERS

PART A Reading comprehension (30marks)

I- Choose the best title to the text (1mark)

3- *Tell your boss the four-day week is coming soon*

II- Complete the table with information from the text (5marks)

Dates	Trends related to the work week
1880s / 1890s	<i>A Sunday off</i>
1926	<i>Two free days every week</i>
1960s	<i>Germany scrapped Saturday shifts</i>
2000	<i>35-hour workweek in France</i>
2021	Awin rolled out a four-day week

III- Find justifications to the following true statements (3marks)

- 1- During the confinement, Awin's business flourished.
Awin started running flat-out as its business with online retailers soared
- 2- The Japanese are known to be workaholic.
And even in notoriously busy Japan whose language includes the word karoshi- death from overwork
- 3- Politically, the four-day week has not been a winning card.
In the U.K., the Labour Party lost the 2019 general election even as it campaigned on a pledge to trim the standard workweek to 32 hours within a decade

IV- Complete with words or phrases from the text (2marks)

- 1- Awin's trial consists of maintaining the workers *salaries* and *benefits* while reducing working hours.
- 2- Since Adam Ross lives in Britain, he's obliged to make *commutes* to Germany every week. That's why he supports shortening the work week and thinks that the workers' *mental health* is also of paramount importance.

V- Answer the following questions

- 1- What are the major socio-ecological benefits of adopting the four-day week? (3marks)
* *save jobs*
* *spend time with the family*
* *reduce energy consumption*
- 2- Why has the four-day week faced rejection? (3mark)
* *Because bosses fear that output will drop*
* *Because bosses don't believe there will be productivity gains*
* *Because for bosses it's not a guarantee for a long-term success*

VI- Pick out six words or expressions used to identify people in workplaces (3marks)

Staff/ labourers/ office workers/ manufacturers/ skilled labour/ bosses/ software engineers/ account managers/ CEO/ retailers

VII- Choose the correct alternative (2marks)

1- The four-day week is picking up momentum (§3)

a- The four-day week is growing stronger.

2- There have been some teething issues (§7)

c- There have been some difficulties experienced in the early stages.

VIII- Pick out from the text the appropriate information related to the following details: (3marks)

1- Multiplied by three: *the share of postings that mention a four-day week*

2- Lasting twelve months: *the trial of the 4 day week by the consumer goods giant Unilever in December*

3- Two out of three: *the ratio (two-thirds) of businesses with a four-day week that report improved productivity*

IX- Find in the text words or expressions that mean the following: (3marks)

1- To support financially (§3): *to subsidise*

2- A group of people who give advice about what should be done (§3) : *a think tank*

3- Difficult and laborious (§5): *gruelling*

X- What do the underlined words in paragraph 4 refer to: (2marks)

1- did: *bought more cars*

2- that: *a shortage of skilled labour.*

PART B LANGUAGE (30marks)

I- Put the bracketed words in the right tense or form (10marks)

1	<i>have regularly chosen</i>	6	<i>caused</i>
2	<i>is</i>	7	<i>flew</i>
3	<i>most convenient</i>	8	<i>estimated</i>
4	<i>gives</i>	9	<i>has been told</i>
5	<i>catastrophic</i>	10	<i>being heavily criticised</i>

II- Complete with the appropriate word: (The first two letters the word begins with and a synonym of the word are provided to help you) (10 marks)

1	<i>potential</i>	6	<i>actually</i>
2	<i>firm</i>	7	<i>contains</i>
3	<i>remote</i>	8	<i>machines</i>
4	<i>conflict</i>	9	<i>correctly/ conveniently</i>
5	<i>sound</i>	10	<i>lasting</i>

III- Express differently starting as given (keep the same meaning) (10marks)

- 1- If *he doesn't give up smoking*, *he won't get well*.
- 2- Not until he got in his car *did he realize that he had forgotten his mobile phone in his office*.
- 3- Beijing is a *densely-populated* city.
- 4- Next year's meeting *is going to be held online*.
- 5- The organizers needn't *have postponed the games*.
- 6- She asked the visitors *not to throw litter everywhere*.
- 7- Most athletes aren't used to *taking drugs*.
- 8- I wish *I had taken a university degree*.
- 9- Even though Paul was *brilliantly successful*, *he was not recruited*.
- 10- Had *we had an efficient marketing style*, *we would have conquered the German market*.

PART C Writing (20marks)

I- Re-arrange to obtain a coherent paragraph (write the corresponding letters) (3marks)

1 → e 2 → b 3 → c 4 → f 5 → a 6 → d

II- Find the Four mistakes in the following sentence and correct them: (2 marks)

Mistake	Correction
researches	<i>researchers</i>
possible	<i>possibly</i>
cancer breast	<i>breast cancer</i>
for	<i>to</i>

III- Essay: (15marks) (DO NOT EXCEED 15 LINES)

Why do developing countries and especially Tunisia suffer from Brain Drain? Write an essay in which you mention the major causes of the migration of the highly-educated people and suggest some solutions.

Suggested marking scheme: 5 pts: ideas / 2 pts: grammar / 2pts: vocabulary /

2pts: spelling / 2 pts: cohesion & coherence/ 2pts: punctuation

III- Essay: (15marks)(DO NOT EXCEED 15 LINES)

Why do developing countries and especially Tunisia suffer from Brain Drain? Write an essay in which you mention the major causes of the migration of the highly-educated people and suggest some solutions.

*The Brain Drain or as it is called the “human capital flight” is the large-scale migration of highly educated, skilled and talented people of less economically advanced countries of the world due to a complex of academic, social, economic (lack of opportunities and satisfactory facilities of goods and services), political instability and personal factors.

* Causes

- ❖ There is a lack of policy making in the academic world and on the governmental level in the developing world.
 - Deteriorating excellence of educational system
 - Lack of research facilities, meagreness of research funds,
- ❖ Social unrest, political instability
 - Substandard living conditions
 - Low wages
 - Lack of freedom and autonomy
- ❖ Under-utilization of skilled personnel; low panorama of specialized development;
 - Discrimination in recruitments and promotions
 - Lack of adequate working conditions, lack of professional tools

*Solutions

- ❖ Reformation of the national education system
 - Support university association to progress developing countries (curriculum, quality and methodology of research)
- ❖ The government should spend heavy fund for the infrastructure and education projects
 - Facilitate the education system through training, research and education
 - Sufficient facilities for research projects in universities
 - Encourage the distant learning and education for all (reintegrate the idea of education being the social and economic ladder)
- ❖ The government has to implement an ambitious program to recruit Tunisia's highly trained talents
 - The government should advertise job opportunities on merit and provide specific allowance and salary for the scientists, engineers, doctors and highly intellectuals
 - Encourage human rights and democracy to stable and regulate factors like corruption
- ❖ If western countries need some research they should request on the governmental level
 - Ensure through incentives and immigration policies, intellectual return back to their resources countries