

**ÉPREUVE MUTUALISÉE AVEC E3A-POLYTECH****ÉPREUVE COMMUNE - FILIÈRES MP - PC - PSI - TSI – TPC**

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**LANGUE VIVANTE B****ANGLAIS - ESPAGNOL**

**L'épreuve de langue vivante B est obligatoire pour Lorraine INP - EEIGM (filières MP, PC et PSI)**

**Mercredi 6 mai : 17 h 30 - 18 h30**

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*N.B. : si un candidat croit repérer ce qui paraît être une erreur d'énoncé, il le signalera par écrit :*

*- en cochant la case 40 A (1<sup>re</sup> ligne) ;*

*- en expliquant au verso de la grille réponse les raisons des initiatives qu'il a été amené à prendre et poursuivra normalement son épreuve.*

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**L'usage de toute machine (calculatrice, traductrice, etc.) est strictement interdit.**

**INSTRUCTIONS GÉNÉRALES****Définition et barème :**

QCM en trois parties avec quatre propositions de réponse par item.

- |      |                                  |                                 |
|------|----------------------------------|---------------------------------|
| I.   | <u>Compréhension</u> :           | 12 questions (10 points sur 20) |
| II.  | <u>Lexique</u> :                 | 12 questions (5 points sur 20)  |
| III. | <u>Compétence grammaticale</u> : | 15 questions (5 points sur 20)  |

Réponse juste : +3

Pas de réponse : 0

Réponse fausse ou réponses multiples : -1

**Instructions :**

Lisez le texte et répondez ensuite aux questions.

Choisissez parmi les quatre propositions de réponse (A, B, C ou D) celle qui vous paraît la mieux adaptée. Il n'y a qu'une seule réponse possible pour chaque item.

Reportez votre choix sur la feuille de réponse.

**Index "alphabétique" :**

Anglais : pages 2 à 5

Espagnol : pages 6 à 11

## The African youth boom: what's worrying Bill Gates

What worries Bill Gates most? The booming population of Africa looms over his foundation's latest global survey. By the end of this century there will be 4 billion more people on Earth – and 3 billion of these extra souls will be born in Africa. The challenge, he says, is that “Africa must almost quadruple its agricultural productivity to feed itself. That's very daunting.” [...]

- 5 Gates is reaching for what works best to revive the west's faltering conscience in the face of “America first” nationalism and rising pull-up-the-drawbridge populism in Europe. The spirit of generosity is under assault as government aid budgets come under constant sniper fire from right-wing politicians and their media. Half of the Bill & Melinda Gates Foundation spending goes to Africa. The funds put into the foundation by themselves and fellow philanthropist Warren Buffett  
10 now amount to more than \$50bn (£38bn). Until last year Gates, the Microsoft founder, was the world's richest man. He has now been overtaken by Amazon's Jeff Bezos.

- Gates' first instinct is optimism. Just consider the astonishing story of how far and how fast people have been brought out of abject poverty in a very short time. Since 2000, a billion people have been taken well over the line of \$1.90-a-day wretchedness (£1.45), with the same uplift  
15 among those previously living on \$3.20 a day. The foundation's report bursts with remarkable data – too few people know about the galloping progress of humankind. Take India, where only 18 years ago almost one in five children were not enrolled in primary school – now, 97% attend classes. Look at the indicators on the report's global scorecard for the UN's sustainable development goals for 2030, and most things are improving almost everywhere. But there is a  
20 marked variation in the future trajectory: progress depends on the level of future investment.

- Today, the west takes some persuading that things are getting better, especially in Europe where countries like Britain have suffered a decade of falling real living standards and eye-watering austerity. The upbeat message of Gates – as well as those in his late friend Hans Rosling's book *Factfulness*, and Steven Pinker's *Enlightenment Now* – telling us most of the world is on an  
25 unprecedented upswing, jars with our reality. Yet it is so: the world has never seen such a rapid rise in prosperity among most of the poor.

- Eager to encourage western countries to keep giving aid, Gates is well aware that Britain – as elsewhere – suffers frequent political attacks on its aid budget. The UK, Sweden and Norway are among the few reaching the UN aid spending target of 0.7% of gross national income, and all feel  
30 the cold blast of an anti-foreigner political grudge. “If you are saving lives for a very small amount of money, people should feel good about that,” Gates says emphatically, protesting at current cynicism about international aid organisations. Look what can be done, he keeps saying, pointing as an example to the brilliant education system in Vietnam, a poor country whose results outstrip far richer ones.

- 35 If Britain needs encouragement, he says, “the data about the impact has been amazing. The UK has been very generous to the vaccine fund, for two miraculous vaccines – one for pneumonia, one for diarrhoea.” These sicknesses are now preventable “at extremely low cost to all the children of the world. The UK led that effort and saved over 10 million lives.” Do people across the UK know that? He admits a failure to spread the good news. “We're being challenged to  
40 explain.” Everyone should know this message of hope. “We're talking about uplifting the human condition in a fairly dramatic way.”

But if hope doesn't beat the new nativism infecting the western world, then fear is Gates' ammunition of last resort. Ignore Africa at your peril. "The stability of Africa makes a huge difference to the entire world." Here come the threats: "A pandemic like Ebola can spread very fast," he warns, and many others spread even faster if there are no local health services to contain them.

Migration is the other threat to touch Europe's politics. Syria was a small country, he reminds us, yet its civil war exodus has "challenged the asylum system". But watch out because "Africa is another order of magnitude". The huge African youth boom is a strong theme in the report, where in a world of ageing and shrinking populations, Africa's demographic bulge could be an asset or a threat. So it would be wise "to make their lives attractive" not just out of "pure human caring". Invest in Africa's young, their human capital, health and education, support more productive agriculture, protect subsistence farmers against climate change and see how self-interest blends with good works. [...]

Adapted from *The Guardian*, September 18, 2018

### I. COMPRÉHENSION

*Choisissez la réponse qui vous paraît la plus adéquate en fonction du sens du texte.*

- |   |   |
|---|---|
| <p>1. From line 1 to line 4, it should be understood that Africa will soon:</p> <p>(A) multiply its food productivity.<br/>(B) face a serious population issue.<br/>(C) have to import all its farming products.<br/>(D) be quite self-sufficient.</p> <p>2. From line 5 to line 11, it should be understood that Western countries:</p> <p>(A) are going to increase their aid budgets.<br/>(B) are more and more generous.<br/>(C) are facing internal conflicts.<br/>(D) have stopped donating to poor countries.</p> <p>3. From line 5 to line 11, it should be understood that:</p> <p>(A) Bill Gates is richer than Jeff Bezos.<br/>(B) Bill and Melinda Gates have invested \$50bn in their foundation.<br/>(C) Warren Buffet has donated £38bn to the foundation.<br/>(D) 50% of the foundation's funds go to Africa.</p> <p>4. From line 12 to line 20, it should be understood that today a lot of people around the world:</p> <p>(A) live on \$1.90-a-day.<br/>(B) live on \$3.20-a-day.<br/>(C) have seen their lives improved.<br/>(D) are getting poorer and poorer.</p> | <p>5. From line 12 to line 20, it should be understood that in India:</p> <p>(A) 3% of children still don't go to school.<br/>(B) children start school at five.<br/>(C) the education system is poor.<br/>(D) school is optional.</p> <p>6. From line 21 to line 26, it should be understood that:</p> <p>(A) Britain's living standards are higher than in the other European countries.<br/>(B) Bill Gates is somehow pessimistic.<br/>(C) living standards are globally increasing.<br/>(D) European countries do not suffer from poverty.</p> <p>7. From line 27 to line 34, it should be understood that:</p> <p>(A) Sweden does not donate to poor countries.<br/>(B) Norway has invested 0.7% of its GNI in humanitarian aid.<br/>(C) the UK has not complied with the UN aid spending target.<br/>(D) the 3 countries have opposed the UN's target.</p> <p>8. From line 27 to line 34, it should be understood that Bill Gates:</p> <p>(A) wants all countries to donate a lot.<br/>(B) praises even the smallest donation.<br/>(C) has criticised Vietnam's education system.<br/>(D) believes that the success of an educational system is proportional to the money invested.</p> |
|---|---|



9. From line 35 to 41, it should be understood that:
- (A) pneumonia is frequent in the UK.
  - (B) diarrhoea is a major issue today.
  - (C) the UK has helped spread vaccines in poor countries.
  - (D) the UK doesn't care about vaccines.
10. From line 42 to line 46, it should be understood that:
- (A) ignoring African issues is a threat for the entire world.
  - (B) Ebola is the fastest-growing pandemic.
  - (C) it is easy to prevent a pandemic.
  - (D) Africa has never been as stable as today.

11. From line 47 to line 54, it should be understood that:
- (A) migration is a minor issue.
  - (B) Africa may be touched by a large exodus.
  - (C) Syria is an ageing country.
  - (D) young African people won't leave their country.
12. From line 47 to line 54, it should be understood that:
- (A) global warming is not a threat in Africa.
  - (B) young Africans are happier than their elders.
  - (C) African agriculture is not productive at all.
  - (D) improving life in Africa is the best solution.

## II. LEXIQUE

*Choisissez la réponse qui vous paraît la plus appropriée en fonction du contexte.*

13. daunting (line 4) means:

- (A) encouraging
- (B) frightening
- (C) disturbing
- (D) surprising

14. faltering (line 5) means:

- (A) wavering
- (B) guilty
- (C) clear
- (D) clean

15. wretchedness (line 14) means:

- (A) hope
- (B) stability
- (C) unhappiness
- (D) misery

16. uplift (line 14) means:

- (A) action
- (B) investment
- (C) improvement
- (D) result

17. upbeat (line 23) means:

- (A) strong
- (B) general
- (C) optimistic
- (D) implicit

18. upswing (line 25) means:

- (A) balance
- (B) instability
- (C) disorder
- (D) growth

19. jars with (line 25) means:

- (A) matches
- (B) contrasts with
- (C) confirms
- (D) is similar to

20. blast (line 30) means:

- (A) movement
- (B) explosion
- (C) sign
- (D) signal

21. grudge (line 30) means:

- (A) resentment
- (B) fight
- (C) plot
- (D) campaign

22. outstrip (line 34) means:

- (A) erase
- (B) eliminate
- (C) equal
- (D) exceed

23. shrinking (line 50) means:

- (A) becoming sicker and sicker
- (B) decreasing
- (C) demanding
- (D) mixing

24. bulge (line 50) means:

- (A) explosion
- (B) issue
- (C) question
- (D) situation

### III. COMPÉTENCE GRAMMATICALE

*Choisissez la réponse adéquate.*

25. European countries were asked .... in the issue.  
(A) they get more involved  
(B) getting more involved  
(C) to get more involved  
(D) to getting more involved
26. As soon as .... the funds .... them in education.  
(A) they will receive / they will invest  
(B) they receive / they will invest  
(C) have received / they invest  
(D) received / they invest
27. .... money you invest .... it is.  
(A) More / the best.  
(B) Most / the better  
(C) The more / the better  
(D) The most / the best
28. They should donate without .... in return.  
(A) to ask for anything  
(B) ask for anything  
(C) to asking for anything  
(D) asking for anything
29. The foundation has received .... funds recently.  
(A) the fewer  
(B) less  
(C) fewer  
(D) lesser
30. African countries .... the poorest in the world.  
(A) are told to be  
(B) are said to be  
(C) are said they are  
(D) are told they are
31. Their living standards will increase when ....  
(A) they will receive the funds.  
(B) they receive the funds.  
(C) they received the funds.  
(D) they had received the funds.
32. They .... last year.  
(A) have donated  
(B) donate  
(C) had donated  
(D) donated
33. Western countries .... effective action earlier.  
(A) should took  
(B) should have taken  
(C) should had taken  
(D) should be taken
34. If they .... with the rules, the situation ....  
(A) comply / will have improved.  
(B) complied / will have improved.  
(C) comply / will improve.  
(D) complied / will improve.
35. The situation ....  
(A) is likely to change.  
(B) likely will change.  
(C) likely is to change.  
(D) is to change likely.
36. Bill Gates gave them ....  
(A) a lot of advices.  
(B) lots of advices.  
(C) a lot of advice.  
(D) lots advice.
37. The weather is becoming ....  
(A) the more and more hot.  
(B) the hottest and hottest.  
(C) the hotter and hotter.  
(D) hotter and hotter.
38. They .... a long time.  
(A) are suffering since  
(B) are suffering for  
(C) have been suffering for  
(D) have suffered since
39. They gave .... money to the foundation.  
(A) great deal  
(B) great deal of  
(C) a great deal of  
(D) a great deal

**FIN**