

# BACCALAURÉAT TECHNOLOGIQUE

**SESSION 2011**

**ANGLAIS**

**LANGUE VIVANTE 1**

**LV1 STG (GSI), ST2S, STI et STL**

**Durée de l'épreuve : 2 heures – coefficient : 2**

**LV1 STG (CGRH, CFE, MERCATIQUE)**

**Durée de l'épreuve : 2 heures – coefficient : 3**

STG, ST2S :

Compréhension : 10 points

Expression : 10 points

STI, STL :

Compréhension : 12 points

Expression : 8 points

L'usage de la calculatrice et du dictionnaire est interdit.

**Avant de composer, le candidat s'assurera que le sujet comporte bien  
4 pages numérotées de 1 à 4.**

When Catherine Coleman, known as Cady, goes to work, waving goodbye to her son Jamey, 10, she doesn't drive or take a train – she blasts off in a spaceship. Many more women now work in space, but Cady's next Nasa mission is a big one. In December, she leaves Earth on a Soyuz rocket for the International Space Station, where she will live and work for six months. This will be the longest mission undertaken by a Nasa astronaut who is the mother of a young child.

The Cady Coleman who greets me at the door of her 200-year-old farmhouse deep in the woods of New England is smaller than I had expected. This is a woman who walked into an American Air Force centrifuge programme as a volunteer and walked out with a world record for endurance. She once spent six weeks camping in Antarctica, learning that "my mother was correct when she told me to dress in layers." She has also lived 18m underwater in a giant tank, as part of Nasa's extreme environment training, an experience she took in her stride as the daughter of a navy diver. And she has clocked up 500 hours in space on two previous short-duration shuttle missions, in 1995 and 1999.

Cady is 49, 5ft 4in<sup>1</sup>, slim and narrow-waisted. She confesses to having had trouble getting space suits small enough. There is excitement in her voice when she talks about the possibility of a space walk during the coming mission – but the reality is that committing to a mission at all has required soul-searching. She needed the full support of her husband, Josh Simpson, and she needed Jamey to understand, too. "We talked a lot about whether I would even sign up to go – but it is part of who I am – and it's part of who Jamey's mother is and Josh's wife is. If I'm not doing those things, I'm not sure I'm being as much of a mum as I could be. It is part of me."

How does an astronaut with a child come to terms with the risks inherent in space travel? Cady answers by putting those risks into a broader context. Soldiers are deployed all the time to places "not nearly as nice to be as the International Space Station," she says.

However, she and her husband do their best to shield Jamey from the starker<sup>2</sup> realities of his mother's profession. They recall sitting down as a family to watch a television series about space flight and then, when the topic turned to the Columbia disaster in 2003, deciding calmly that it was Jamey's bedtime. It's harder to protect him from the tactlessness of the public. "People come up to me all the time, with Jamey there, and say: 'Aren't you afraid that rocket's going to blow up?'" says Josh. "I'm always taken aback<sup>3</sup>."

These days, more thought is put into pre-mission preparation, especially when children are involved. "Everyone in the family has to be committed," says Al Holland, a Nasa psychologist. "It's not just one person on one mission."

Kate McCann, *The Guardian*, Saturday 7 August 2010

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1. 5ft 4in: 1m62

2. starker: more unpleasant

3. taken aback: surprised

## NOTE AUX CANDIDATS

Les candidats traiteront les exercices sur la copie qui leur sera fournie et veilleront

- à respecter l'ordre des questions et reporter la numérotation sur la copie (numéro de l'exercice et, le cas échéant, la lettre repère ; ex. : 1 a, 1 b, etc.) ;
- à faire précéder les citations éventuellement demandées du numéro de ligne dans le texte.

Les candidats des séries STG et ST2S traiteront les questions I (1, 2, 3, 4, 5, 6, 7) et II.

Les candidats des séries STI et STL traiteront les questions I (1, 2, 3, 4, 5, 6, 7, 8) et II.

### I- COMPREHENSION

1- Write the correct answer.

The narrator is :

- a- an astronaut
- b- a journalist
- c- a psychologist

2- Write the name of each of the following people:

- a- the astronaut
- b- the child
- c- the astronaut's husband

3- The main character:

A- Find information about the astronaut and write it down.

- a- age
- b- physical appearance (two adjectives)
- c- number of space missions before 2010

B- Find a sentence in the text showing that the narrator was surprised when she met Cady.  
Write down the sentence. Give the line number.

C- What is the narrator's opinion about Cady? Write the correct answer:

- a- The narrator finds Cady ridiculous.
- b- The narrator feels admiration.
- c- The narrator thinks Cady is mad.

4- Match each paragraph with the appropriate title:

Paragraphs:

- 1. line 1 to line 5
- 2. line 6 to line 13
- 3. line 14 to line 20
- 4. line 21 to line 23
- 5. line 24 to line 29
- 6. line 30 to line 32

Titles:

- a- Protecting Jamey
- b- Accepting the dangers of the job
- c- Cady's unusual job
- d- A specialist's opinion on family commitment
- e- Making a conscious decision
- f- Intense physical preparation

5- Say whether these statements are TRUE or FALSE. Justify your answers by quoting from the text. Give the line numbers.

- a- Female astronauts are less numerous today than in the past.
- b- Cady lives in a city.
- c- Cady discussed the new mission with her family.
- d- Cady thinks there are more dangerous jobs than being an astronaut.
- e- It is difficult to preserve Jamie from the public.
- f- Preparing for a mission only concerns the astronaut.

6- Choose the 3 adjectives which best correspond to Cady. Write them down.

- a- unhealthy    b- enthusiastic    c- pessimistic
- d- courageous    e- motivated    f- lazy

7- Write down the correct answer.

“If I'm not doing those things, I'm not sure I'm being as much of a mum as I could be” (l. 19-20) means that:

- a- she wants to change her job in order to be a good mother.
- b- because of her job, she will never be a good mother.
- c- she is a good mother because she enjoys her job.

**LA QUESTION 8 NE SERA TRAITÉE  
QUE PAR LES CANDIDATS DES SECTIONS STI ET STL**

8- Match the following words from the text with their definitions.

- |                              |   |
|------------------------------|---|
| a- soul-searching (l.17)     | 1- concerned                                  |
| b- come to terms with (l.21) | 2- the analysis of your thoughts and feelings |
| c- shield (l.24)             | 3- accept                                     |
| d- involved (l.31)           | 4- protect                                    |

## **II- EXPRESSION**

**Séries STG – ST2S**

**Les candidats des séries STG – ST2S traiteront les deux sujets 1 et 2.**

1- Jamey writes about his impressions and feelings concerning his mother's job for his school's newspaper. Write the article. (80 words)

**AND**

2- Write about a job that you find exceptional. Develop your ideas. (120 words)

**Séries STL – STI**

1- Write about a job that you find exceptional. Develop your ideas. (150 words)