

# LÖSUNGEN

ECOLEES SUPERIEURES DE COMMERCE FRANCOPHONES DU CANTON DE BERNE  
LA NEUVEVILLE - TRAMELAN

Examens d'admission 2017 – filière MP

13 mars 2017

## GRAMMAIRE ET VOCABULAIRE (TOTAL 30 POINTS)

Info für LP : Bei der Korrektur – ½ Punkt, wenn Gross-und Kleinschreibung falsch ist.

### ÜBUNG 1

1.	liest
2.	liegen
3.	schläft
4.	kann
5.	will

Total 10 Punkte :  
2 Punkte / richtige  
Lösung

### ÜBUNG 2

1.	spät
2.	gerade
3.	rund
4.	hell
5.	neu

Total 5 Punkte :  
1 Punkt / richtige  
Lösung

### ÜBUNG 3

1.	B	4.	A
2.	A	5.	C
3.	B	6.	A

Total 6 Punkte :  
1 Punkt / richtige  
Lösung

### ÜBUNG 4 (Total 9P. : 9 Punkte pro richtige Lösung)

1.	umsteigen	6.	Note
2.	anhaltend	7.	nach
3.	machen	8.	getragen
4.	pünktlich	9.	einen Unfall
5.	in		

Total 9 Punkte :  
1 Punkt / richtige  
Lösung

**COMPREHENSION DE TEXTE (TOTAL 15 POINTS)**

Total 8 Punkte :  
1 Punkt / richtige  
Lösung

**ÜBUNG 5**

1. <b>Nummer 2:</b> hat noch Kontakt zu Ihren Freunden in den USA.	5. <b>Nummer 4 :</b> versteht sich fast immer gut.
2. <b>Nummer 4 :</b> nicht sehr gut.	6. <b>Nummer 2 :</b> findet es toll, dass sie den braunen Gurt im Judo hat.
3. <b>Nummer 4 :</b> hat jetzt Lehrer, von denen sie mehr lernen kann.	7. <b>Nummer 1 :</b> , dass man mit 16 Jahren bereits Vorteile hat.
4. <b>Nummer 3 :</b> war Lena in Frankreich	8. <b>Nummer 2 :</b> muss zu einer genauen Zeit zu Hause sein.

**ÜBUNG 6**

1.	E
2.	G
3.	C
4.	X
5.	D

Total 5 Punkte :  
1 Punkt / richtige  
Lösung

**ÜBUNG 7**

1. F	3. F
2. R	4. F

Total 2 Punkte :  
1/2 Punkt / richtige  
Lösung

**PRODUCTION ECRITE (TOTAL 15 POINTS)****BEWERTUNG (NUR FÜR EXPERTEN) :**

Anrede + Grussformel 1 Punkt	3 vorgegebene Punkte behandelt (2 P. pro Thema) 6 Punkte	Grammatik 4 Punkte	Orthographie 4 Punkte	Totale Punktezahl

**Examens d'admission 2017 – filière MPC      13 mars 2017**

Nom et prénom : .....

Localité : .....

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**Anglais (45 minutes)**

**Pts**

**Note**

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**Contenu**

- Compréhension de texte (15 points)      Total obtenu : \_\_\_\_\_
  
- Vocabulaire (15 points)      Total obtenu : \_\_\_\_\_
  
- Grammaire (15 points)      Total obtenu : \_\_\_\_\_
  
- Production écrite (15 points)      Total obtenu : \_\_\_\_\_

**Matériel autorisé**

- Aucun matériel autorisé

## **Part 1: Reading Comprehension (15 points)**

**Read the following text and answer the questions in exercises I and II.**

### **Collecting stamps – a hobby that can grow and grow**

Millions of people of all ages enjoy a hobby which is interesting and fun: collecting stamps. And every year, more and more people start a stamp collection and discover an interest which can last for a lifetime. Starting your collection is easy because stamps are everywhere. You might get postcards from friends, birthday cards from your favourite aunts and letters from friends from all over the world. If you have started collecting seriously, you can also join a Stamp Collectors' Club. As a Club member you can order special stamps you need for your collection. You can get individual stamps or complete sets of stamps. The Stamp Collectors Club has about 70,000 members and you can become a member too, with a membership costing just £5. You can get reductions if you join as a group. This is great value for money.

When you join, you receive a Starter Pack at no extra cost. This contains 100 stamps to begin your collection, and you also get a nice box to keep them in. You also receive a 4-page guide to collecting, which has ideas and suggestions on how to add to your collection. Every two months you get a copy of the club magazine, full of quizzes and competitions, which gives you the chance to exchange stamps with members around the world.

Why not start on an adventure which will give you years of pleasure? You'll spend many happy hours looking at an amazing variety of stamps in your collection or searching for rare or unusual ones. So join the Stamp Collectors' Club today and discover the fun and excitement of stamp collecting.

To join the Club, simply complete the application form and send your membership fee of £5. Special discount at the moment: if you join with a relative before 24<sup>th</sup> June, the second person won't have to pay the fee.

**I. Are the following statements true (T) or false (F)? Circle the correct answer.**

1. Nowadays, fewer people collect stamps. T F
2. Only serious people collect stamps. T F
3. When you join the Club, the Starter Pack is for free. T F
4. You can only join the Club if you have 100 stamps. T F
5. It is cheaper if more people join the Club together. T F

...../5 points

**II. Answer the following questions with one or two sentences.**

1. What kind of people start collecting stamps? (1pt)
  - People of all ages
2. Why is it possible to collect stamps easily? Develop (2pts)
  - Stamps are everywhere
  - You can get postcards from friends
  - Birthday cards
  - Letters from friends from all over the world
3. What do you find in the “Starter Pack”? (3pts)
  - 100 stamps to begin your collection
  - A nice box to keep them in
  - A 4-page guide to collecting
4. Which two things do you need to become a member of the Club? (2pts)
  - Complete the application form
  - Pay the fee
5. Do you always have to pay £5 to become a member? Explain. (2pts)

No:

  - Discount if you join as a group+2 people of the same family>2<sup>nd</sup> person free
  - Special discounts

..... /10 points

## **Part 2: Vocabulary (15 points)**

- I. Fill in the sentences with a word taken from the box. There are 6 words you do not need to use. **Do not use the same word more than once!**

<i>projects</i>	<i>successful</i>	<i>watches</i>	<i>spend</i>	<i>assistant</i>	<i>makes</i>	<i>usual</i>	<i>pass</i>
<i>but</i>	<i>occupation</i>	<i>looks</i>	<i>secretary</i>	<i>finally</i>	<i>charge</i>	<i>does</i>	<i>manager</i>

My grandfather had a long career. He started work as an **assistant** and worked his way to the top. He was very **successful** and he saved the company from disaster many times. When he was in **charge** of the production department he was never bossy. He understood people and all the workers admired him. He was an engineer, which is quite a difficult **occupation**, and for forty years he worked on many different **projects**. He was very well known to other engineers. **Finally**, he reached 65, which is the **usual** age of retirement in his company. So now he is retired and he has a lot more time to **spend** with his grandchildren. He often **watches** TV with them or **does** some sport.

..... /5 points

1. II. Give the opposite of the adjectives.

Ex: good ≠ **bad**

1. happy ≠ sad, unhappy, depressed
2. interesting ≠ boring, dull
3. tall ≠ short
4. weak ≠ strong
5. slow ≠ fast, quick, swift

..... /5 points

2. III. Definitions.

1. The seventh month of the year is the month of July.
2. The day between Wednesday and Friday is Thursday.
3. What is the nationality of a person who comes from Japan? Japanese
4. Emma is married to Tom, so Tom is her husband (official title).
5. A period of 100 years is a century.

..... /5 points

### **Part 3: Grammar (15 points)**

#### **I. Complete the sentences with the correct form of the verb – present simple-present continuous-past simple.**

1. I called my mother yesterday. We talked for two hours.
2. I don't believe that you are a millionaire.
3. Where did you buy your jacket?
4. He doesn't usually wear a tie (=cravate).
5. Last year I went to London.
6. How many languages does he speak?
7. David is in Paris this week. He is staying at the Hilton.

..... /7 points

#### **II. Complete the sentences with the correct words.**

1. A - Why are you laughing?  
B – Because it's funny!
2. Rats are bigger than mice (=souris).
3. I have a new car - it is red.
4. A – Who/What are you waiting for?  
B – I'm waiting for my brother.
5. I love bananas. I eat some/them every day.
6. I always do my homework in the evening.
7. Cars are more expensive than bicycles.
8. This book belongs to my sister – it's her book.

..... /8 points

#### **Part 4: Writing (15 points)**

*You are really interested in starting a new activity (sport, music, etc.) and you would like to convince a friend to do it with you. Send your friend an email, in which you:*

- *describe the activity you would like to take up;*
- *give at least two reasons why s/he should join you for this activity.*

➔ **Write between 50 and 80 words.**

➔ **For this task, you must use your own words. You are not allowed to copy anything from the text of the reading comprehension.**

#### ***Assessment:***

##### ***CONTENT***

*6 points :  
2 pts for the description  
2pts for the 1<sup>st</sup> reason  
2 pts for the 2<sup>nd</sup> reason*

##### ***ORGANISATION***

*2 points (paragraphs, logical development, links)*

##### ***LANGUAGE***

*7 points:  
3 pts for vocabulary (range and accuracy)  
3 pts for grammar and structures (correctness and range)  
1 pt for spelling*

**..... /15 points**



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## Corrigé

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### Problème 1 (6 points)

- a)  $x = 6$  1 pt
- b)  $x = -2$  2 pts
- c)  $x = 18$  3 pts

### Problème 2 (6 points)

- a) Montant payé :  $3 \cdot 130 \cdot 0,85 + 6 \cdot 55 \cdot 0,8 = 595,5$  2 pts
- b) Montant sans rabais :  $\frac{240 \cdot 100}{80} = 300$
- Prix de l'article :  $300 \div 5 = 60$  2 pts
- c) Montant sans le rabais :  $15 \cdot 28 = 420$
- Rabais en % :  $\frac{108,8}{420} \cdot 100 = 24\%$  2 pts

### Problème 3 (7 points)

- a)  $4(2x+3)$  1 pt
- b)  $3x^3y^2(5x^3+3xy+4y^2)$  2 pts
- c)  $(5x+3)^2$  2 pts
- d)  $(x+4)(x+7)$  2 pts

### Problème 4 (7 points)

- a)  $9x^{10}$  1 pt
- b)  $x^{28}$  1 pt
- c)  $2x^2 - 8x + 11$  1,5 pts
- d)  $16x^2 + 24x + 9$  1,5 pts
- e)  $12x^2 - 10x + 4x^2 - 24x + x - 6 = 16x^2 - 33x - 6$  2 pts

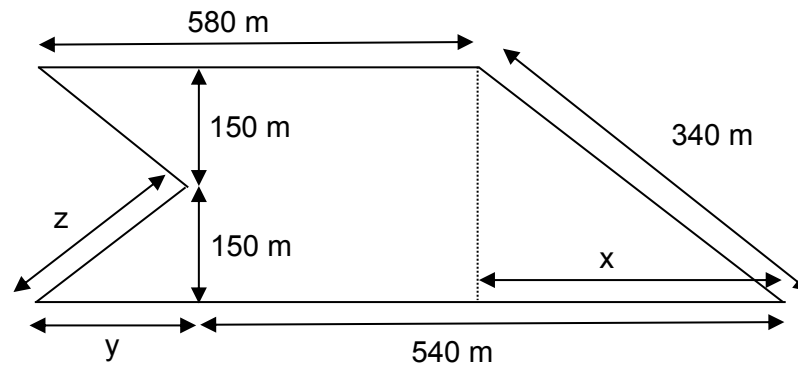
### Problème 5 (7 points)

- a) Distance horizontale AB :  $\frac{6}{AB} = 0,32 \Rightarrow AB = 18,75$  mètres 2 pts
- b) Distance horizontale CD :  $60 - 18,75 - 8,75 = 32,5$  mètres 1 pt
- Hauteur de D :  $6 + 32,5 \cdot 0,28 = 15,1$  mètres 2 pts
- c)  $\frac{15,1}{60} = 0,2517 \Rightarrow 25,17\%$  2 pts

### Problème 6 (7 points)

- a)  $\frac{24 \cdot 195}{45} = 104$  km 2 pts
- b)  $\frac{24 \cdot 60}{45} = 32$  km/h 1,5 pts
- c) Temps mis par Emma :  $\frac{96 \cdot 45}{24} = 180$  minutes 1,5 pts
- Temps mis par Luca hors pause : 160 minutes
- Vitesse moyenne:  $\frac{96 \cdot 60}{160} = 36$  km/h 2 pts

**Problème 7 (7 points)**



a)  $x = \sqrt{340^2 - 300^2} = 160$

1 pt

$580 + 160 = y + 540 \Rightarrow y = 200$

1 pt

$z = \sqrt{200^2 + 150^2} = 250$

1 pt

b) Aire trapèze – aire triangle =  $\frac{540 + 200 + 580}{2} \cdot 300 - \frac{300 \cdot 200}{2} = 168'000 \text{ m}^2$

3 pts

Ou : 2 x aire petit triangle + aire rectangle + aire grand triangle

$2 \cdot \frac{200 \cdot 150}{2} + 300 \cdot (580 - 200) + \frac{300 \cdot 160}{2} = 168'000 \text{ m}^2$

c)  $\frac{168'000}{100} \cdot 150 = \text{Fr. } 252'000.-$

1 pt

**Problème 8 (7 points)**

- a) Abonnement A :  $25 + 50 \cdot 0,3 + 6 \cdot 1,2 = \text{Fr. } 47,20$   
Abonnement B :  $10 + 50 \cdot 0,5 + 6 \cdot 1,5 + 20 \cdot 0,1 = \text{Fr. } 46,-$

Donc il faut choisir l'abonnement B

2 pts

- b)  $10 + 12 \cdot 0,5 + 3 \cdot 1,5 + x \cdot 0,1 = 22,7$   
 $20,5 + x \cdot 0,1 = 22,7$   
 $0,1x = 2,2$   
 $x = 22$

2 pts

- c)  $25 + 5 \cdot 1,2 + 0,3x = 10 + 5 \cdot 1,5 + 25 \cdot 0,1 + 0,5x$   
 $31 + 0,3x = 20 + 0,5x$   
 $11 = 0,2x$   
 $x = 55$

3 pts