

BREVET DE TECHNICIEN SUPÉRIEUR

SESSION 2008

ÉPREUVE DE LANGUE VIVANTE

GROUPE 9

ANGLAIS

Durée : 2 heures

Code : LVE 2

SPÉCIALITÉS	COEFFICIENTS
DOMOTIQUE	1
FLUIDES – ÉNERGIES – ENVIRONNEMENTS	1
INFORMATIQUE ET RÉSEAUX POUR L'INDUSTRIE ET LES SERVICES TECHNIQUES	1
SYSTÈMES ÉLECTRONIQUES	1

ATTENTION

- Les candidats du BTS I.R.I.S., Fluides – Énergies – Environnements et Systèmes Électroniques répondront aux questions pages 3, 4 et 5.
- Les candidats du BTS Domotique répondront aux questions pages 6 et 7.

VOUS ÉCRIREZ DIRECTEMENT VOS RÉPONSES AUX EMPLACEMENTS PRÉVUS.

VOUS DEVEZ RENDRE LA TOTALITÉ DU DOCUMENT À LA FIN DE L'ÉPREUVE SANS EN DÉTACHER AUCUNE PAGE.

***L'USAGE D'UN DICTIONNAIRE BILINGUE EST AUTORISÉ.
TOUT AUTRE MATÉRIEL EST INTERDIT.***

SATELLITE NAVIGATION

Location, location, location

AMSTERDAM

Where is the navigation industry heading?

Men, the stereotype has it, never ask for directions. Now many of them have an excuse, in the form of a portable navigation device (PND). Nearly 35m of these hand-held or dashboard-mounted units will be sold around the world this year, twice as many as in 2006, making personal navigation one of the fastest-growing areas in consumer electronics. The latest versions of these gadgets do more than simply show the way to the stubborn or the shy.

Nokia is already making its presence felt with phones that can pick up signals from global positioning systems (GPS) satellites and plans to add this feature to more models soon. Start-ups such as Dash, a Silicon Valley firm, could also shake up the market. Prices for PNDs have already dropped, from around \$630 on average in 2005, to \$400 now.

Still, most of the innovation is now occurring in supplementary services rather than in basic navigation system. Drivers in the Netherlands and Britain, for instance, will soon be able to subscribe to real-time traffic information that will allow their PNDs to steer around traffic jams. To provide prompter warnings of congestions, TomTom, a leading PND vendor from the Netherlands, has teamed up with Vodafone, a mobile-phone carrier. Once PNDs can send and receive data or, conversely, mobile phones come equipped with a receiver for GPS signals, all kinds of services become possible. Users can already check fuel prices at the petrol stations that appear on their maps and screening times at cinemas. Nokia, for its part, wants to target pedestrians. One of the services the Finnish company is planning to introduce is a system to help friends find one another: if any are nearby, their names will pop up on a digital map.

To date, digital mapmaking has not been very profitable. Nokia and TomTom both hope that they can cut costs by tapping enthusiastic subscribers to update and improve their maps. That is quite a task: every year, some details change on 15% of all roads, be it a new name or a change in traffic flow. At any rate, they want to ensure that the tools of their trade do not fall into the hands of predatory giants such as Microsoft and Google.

The Economist, October 6th 2007 (adapted and abridged)

I – COMPRÉHENSION (12 POINTS)

A – Entourez l’expression qui résume le mieux le texte.

- a. The Nokia-TomTom GPS war
- b. The Nokia-TomTom partnership for a new generation of PNDs
- c. A new alliance between mobile phone companies and PNDs
- d. A new digital mapmaker for Microsoft

B – Complétez ce tableau avec des informations que vous tirerez du texte.

The abbreviations PND and GPS stand for	- -
The number of PNDs sold in 2007	
The place where the Dash start-up is located	
The approximate price of a PND in 2007	
A mobile phone carrier	
A Finnish mobile phone manufacturer	
An example of service provided for drivers only	
The most powerful competitors in digital mapmaking	

C – Vrai ou Faux ? Entourez la bonne réponse et justifiez en citant le texte (indiquez le numéro de ligne).

- a. Sales of PNDs doubled in 2007. **VRAI FAUX**

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- b. PNDs are getting more and more expensive. **VRAI FAUX**

.....

c. Access to updated information on traffic will soon be available to Dutch and British drivers.

VRAI FAUX

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d. TomTom and Vodafone are rivals.

VRAI FAUX

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e. Nokia and Vodafone intend to reduce expenses.

VRAI FAUX

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f. The data in PNDs need regular updating.

VRAI FAUX

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D – Ces affirmations sont toutes vraies ; citez pour chacune d’elles un extrait du texte qui la justifie (indiquez le numéro de ligne).

a. PNDs can also be used when walking in the streets.

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b. The new PNDs are more sophisticated than the previous ones.

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c. Nokia’s cell phones can now get satellite signals.

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d. Nowadays, drawing digital maps does not bring in a lot of money.

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E – Traduisez les deux dernières phrases du texte, de *That is quite a task...* (ligne 23) à *...Microsoft and Google* (ligne 25).

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II – EXPRESSION (8 POINTS)

Traitez, en anglais et en 120 mots minimum, le sujet suivant.

“One of the services the Finnish company is planning to introduce is a system to help friends find one another: if any are nearby, their names will pop up on a digital map.”
Do you think new technologies help people get closer to each other? Discuss and illustrate with examples.

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BTS DOMOTIQUE

I – COMPRÉHENSION (12 POINTS)

**A – Rédigez un compte rendu du texte en français (140 mots + ou – 10%).
Vous indiquerez le nombre de mots à la fin de votre compte rendu.**

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BTS DOMOTIQUE

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