

SECTION EUROPÉENNE

Baccalauréat Professionnel TECHNICIEN d'ÉTUDE du BÂTIMENT

SESSION 2023

Épreuve orale spécifique de langue vivante : ANGLAIS

Partie A – 10 minutes

(à partir du sujet ci-dessous)

Partie B – 10 minutes

(travaux, activités effectués dans l'année terminale, dans la discipline non linguistique et ouverture européenne)

Préparation : 20 minutes

Durée de l'épreuve : 20 minutes

SUJET N°1

Situation :

Vous revenez d'un voyage touristique à Dubai où vous avez été impressionné par votre visite du célèbre Burj Khalifa. Vous racontez à vos collègues (le jury) vos impressions en vous appuyant sur les documents donnés.

1. Décrivez ce gratte-ciel avec précision. Parlez de ce que vous avez appris sur sa construction et la construction d'un gratte-ciel en général.
2. Dites-nous à quoi sert cet immeuble aujourd'hui et ce que peuvent y faire les visiteurs.
3. Donnez-nous vos impressions sur ce chef-d'œuvre et expliquez ce que cette réalisation peut représenter pour le pays.


Visiting The Burj Kahlifa
www.news.samsungcnt.com
 May 29, 2016

Man has been captivated by the idea of tall buildings since the beginning of time. Little wonder then that since its completion in 2009, the Burj Khalifa, the world's tallest building, has quickly become one of the most popular tourist destinations on the planet.

The tip of the building reaches nearly 830 meters into the sky, with around 200 usable floors, as well as maintenance floors and underground parking lots. The building has an impressive 54 elevators. With an impressive 555-meter observation deck and the world's highest restaurant. It stretches up almost a kilometer into the sky from the arid Dubai sands.

From an engineer's point of view, tourists are attracted to the creativity and determination that allowed them to build this building in the middle of the desert. When people get up close to it, they are naturally curious. They begin asking themselves questions like, 'How did they build this thing?'

Burj Khalifa: DID YOU KNOW?






Steel rebar used to construct Burj Khalifa can stretch **Halfway Around the World**

Critical high-pressure blowing methods enabled the concrete mix to be pumped up 600 meters. A new world record!




12,000
WORKERS FROM
FOURTY
COUNTRIES

The Y-shaped floor plan maximizes the view of the Arabian Gulf and the skyscraper is surrounded by green space, water




THE AMOUNT OF CONCRETE USED
X 360,000,000
BOTTLES OF WATER

The tower's overall design was inspired by the shape of a desert flower



1,870,000
tourists visited Burj Khalifa in 2013



The Burj Khalifa's air-conditioning condensation recovery system collects enough water in a year to fill 14 Olympic-sized swimming pools per year and is used to irrigate the surrounding landscape

Samsung C&T used satellite GPS measurement to place the building's components for protection against heavy winds and potential earthquakes

THE TOP OF THE TOWER IS VISIBLE FROM
95 KILO METERS AWAY

Photo by Donaldytong; modified from its original version

