



Cycle des Ingénieurs
des Travaux Informatiques
Licence Professionnelle en Informatique

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Parcours : ITI / LPI

CONCOURS D'ENTREE EN 1^{ière} ANNEE (PROMOTION 2020 – 2023)

EPREUVE D'ANGLAIS

(Session de Novembre 2020)

NB: Documents, and any electronic devices are prohibited Coef : 03 Date : 24/11/2020 Duration : 2 H 00
Use only the composition sheet provided to you. The copy must not be signed and must not bear any distinctive sign.

I-/ READING COMPREHENSION (5 marks)

Instruction: Read the passage below and answer the questions that follow.

Text: Computers in banks.

Modern banks use computers for storing financial information and processing transactions.

The first computers were 'people'! That is, electronic computers and the earlier mechanical computers were given this name because they performed the work that had previously been assigned to people.

Computers have revolutionized accounting and bookkeeping, and banks were some of the first to switch to computers. Processing transactions manually takes a considerable amount of time, and even expensive computers allowed banks to save money on labor costs. Computers are also great at avoiding mistakes. Banking tellers (cashiers) also use computers to access customer data quickly; they simply type in the customer's name and bring up relevant data instantly. Computers also process many quick transactions enabling tellers to give customers receipts reflecting deposits and withdrawals.

Online banking has become more popular over the years, and people do not have to go to the bank as often as they once did. Some banks even operate exclusively online by providing online banking functionality and phone support when needed. These banks have lower operating costs, and many are able to provide lower fees for their customers.

The Automatic Teller Machines (ATMs) enable bank customer to withdraw, recharge phones, transfer funds from their various accounts even when the bank is closed physically. Each transaction made, the customer's record is updated and he or she is provided with a print out or notification.

Large banks with numerous branches may have a mainframe computer in its central headquarters and linking terminals located in each of its branches. One of the greatest advantages of a mainframe computer for the banking sector is its ability to perform time-sharing which allows hundreds, or even thousands users to access the same computer and its resources simultaneously.

QUESTIONS:

(1x5pts)

Instruction: Choose the option A, B or C that best completes each sentence. On your answer sheet, write only the number of the question and the letter of the option you have chosen. Otherwise provide your own answer where no option is suggested.

- 1- In paragraph 2, "People" is referred to as:
(A) Bank employees; (B) The name given to electronic and earlier mechanical computers;
(C) Bank employers.
- 2- Banks that operate exclusively online provide:
(A) Cheaper services; (B) no online banking functionality; (C) phones to their customers.
- 3- ATMs are operational only when banks are closed physically. True or False?
- 4- Give two advantages of computers in banks.

- 5- Why do you think it is necessary for large banks with numerous branches to use a mainframe?

II-/COMPUTER SYSTEM BASICS

(5 pts)

A-/ Describe an information processing cycle saying what happens at every stage/unit. (0.5pt x 4)

B-/ Choose the best answer *A, B, C* or *D*, to complete these sentences. (1 pt)

Write only the number of the sentence and the letter of the answer. *Example: 3. B*

1. Raw or unprocessed facts are called...
A. information B. data C. information process D. information cycle
2. There's no difference between data and information.
A. True B. False C. --- D. ---

C-/ Use collocations from the box to complete these sentences. (2 pts)

Write only the number of the sentence and the appropriate collocation. E.g. 5. Send texts

Make calls; access the Internet, give presentation, carry out transactions

1. Thanks to Wi-Fi, it's now easy to from cafés, hotels, and many other places.
2. Online banking lets you between your accounts easily and securely.
3. Skype is a technology that enables users to over the internet for free.
4. In many universities, students are encouraged to..... using Power Point.

III-/ GRAMMAR

(5 pts)

A-/ Change the following sentences as directed: (2 pts)

1. Turn into **future progressive**: Mary has bought an interesting novel.
2. Put the **correct tense**: As life experience John (*to read*) *Beloved* of Tony Morrison.
3. Report the following: Ali said: "I developed a computer application two months ago."
4. Change the **voice** of the following sentences:
a- The laptops were installed by the engineer.
b- Did Robert fix your computer? (Bonus – 0.5 pt)

B-/ Choose the best answer *A, B, C* or *D*, to complete the sentences. (3 pts)

Write only the number of the sentence and the option you have chosen. *Example: 11. A*

1. A scanner is an input device; _____ is a webcams.
A. either B. neither C. so D. too
2. Jane shut down her smartphone one hour _____.
A. ever B. ago C. just D. for
3. The United States of America became independent _____ 1776.
A. in B. on C. at D. for
4. _____ did it take Peter to repair the computer? – About two hours.
A. When B. Where C. How often D. How long
5. John has never _____ to Antananarivo.
A. gone B. been C. --- D. ---
6. The advanced school IAI has _____ professional teachers.
A. such B. so C. --- D. ---

IV-/ WRITING

(5 pts)

Computers have revolutionized a lot of life fields. As a graduated engineer within a three-year period, exhibit or reveal your plans of inventing or developing computer applications as to improve a domain in Togo or in an African country or in a faraway developed country. (Not more than 150 words)