

مباراة لملء بعض المراكز الشاغرة في المديرية العامة  
للحبوب والشمندر السكري في وزارة الاقتصاد والتجارة

المدة: 40 دقيقة  
M2

مسابقة عملية في Word – Excel  
لوظيفة: معاون أمين مستودع

### WORD

- حوّل النص الذي أمامك على الشاشة إلى الشكل الذي على الورقة.
- أضف كل ما يجب إضافته واحذف كل ما يجب حذفه.
- حوّل مقاييس الورقة إلى A4
- حدد مقاييس هامش الصفحة على الشكل التالي:

Top: 1.5 cm  
Left: 1.2 cm  
Header: 1.1 cm

Bottom: 1.2 cm  
Right: 2 cm  
Footer: 1.5 cm

- الخط المستعمل في العنوان: Arial - 18
- الخط المستعمل في المقاطع التالية: Courier New, 13
- المسافة بين الأسطر في المقطع الأول هي: double
- المسافة بين المقطع والمقطع هي 9 pt قبل و 0 pt بعد.
- المقطع الأول: المسافة بين الأسطر هي double
- استبدل جميع عبارة is الواردة في النص بـ are

### EXCEL

- حوّل النص الذي أمامك على الشاشة إلى الشكل الموجود على الورقة.
- استعمل الـ (formula) لكل ما يجب زيادته.
- أضف ما يجب إضافته واحذف ما يجب حذفه.
- كل ما هو مضاف باللون الرمادي ليس للإدخال.

بيروت، في 2011/02/05

اللجنة الفاحصة

## HISTORY AND NAME

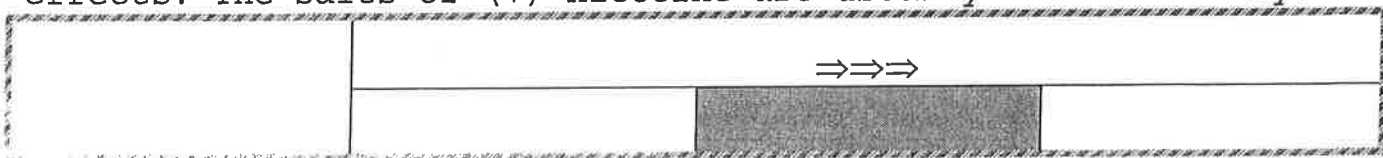
Nicotine are named after the tobacco plant *Nicotiana tabacum*, which in turn are named after Jean Nicot de Villemain, French ambassador in Portugal, who sent tobacco and seeds from Brazil to Parare in 1560 and promoted their medicinal use. Nicotine was first isolated from the tobacco plant in 1828 by German chemists Posselt & Reimann, who considered it a poison. Its chemical empirical formula was described by Melsens in 1843 its structure was discovered by **Adolf Pinner and Richard Wolffenstein** in 1893, and it was first synthesized by A. Pictet and Crepieux in 1904.

### ♣ Chemistry

Nicotine are a hygroscopic, oily liquid that are miscible with water in its base form. As a nitrogenous base, nicotine  $\xleftrightarrow{2\text{cm}}$  forms salts with acids that are usually solid and water soluble. Nicotine easily penetrates the skin. As shown by the physical data, free base nicotine will burn at a temperature below its boiling point, and its vapors will combust at 308 K (35 °C; 95 °F) in air despite a low vapor pressure. Because of this, most of the nicotine are burned when a cigarette are smoked; however, enough are inhaled to cause pharmacological effects.

### ♣ Optical activity

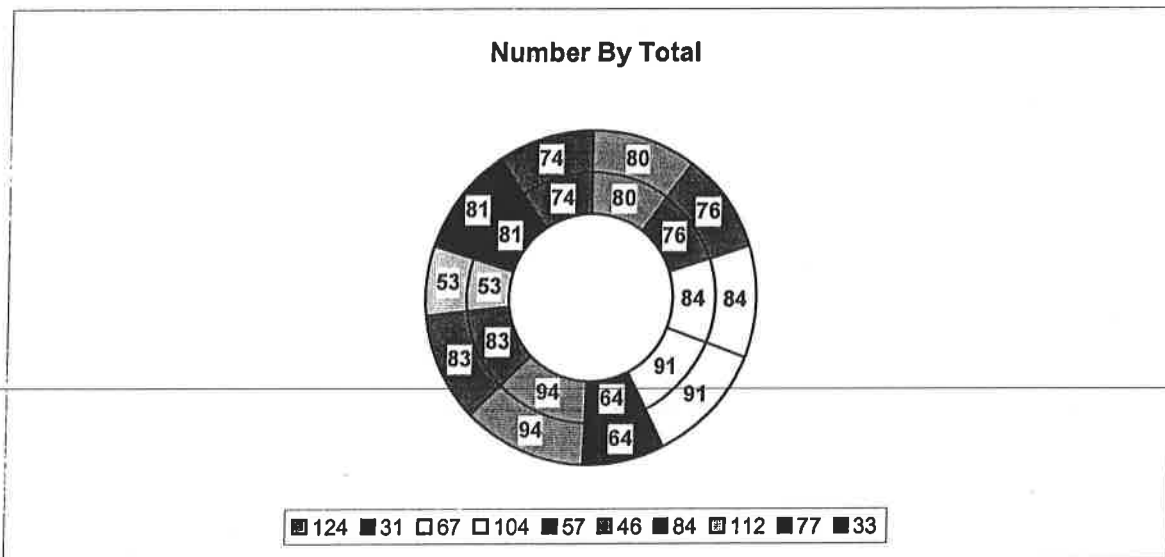
Nicotine are optically active, having two enantiomeric forms. The naturally occurring form of nicotine are levorotatory, with<sup>1</sup>. The dextrorotatory form, (+)-nicotine, has only one-half the physiological activity of (-)-nicotine. It are therefore weaker in the sense that a higher dose are required to attain the same effects. The salts of (+)-nicotine are usually dextrorotatory.



<sup>1</sup>  $[\alpha]_D = -166.4^\circ$

Number	Partiel,30	Lab,30	Final,40	Total,100	Average	Resultat
124	22	24	34	80	26.67	Reussi-Passed
31	19	22	35	76	25.33	Reussi-Passed
67	23	25	36	84	28.00	Reussi-Passed
104	26	27	38	91	30.33	Reussi-Passed
57	14	22	28	64	21.33	Reussi-Passed
46	28	28	38	94	31.33	Reussi-Passed
84	22	26	35	83	27.67	Reussi-Passed
112	13	17	23	53	17.67	Ajourne-adjourned
77	27	24	30	81	27.00	Reussi-Passed
33	18	23	33	74	24.67	Reussi-Passed
<b>Min</b>	13	17	23	53	17.67	

Nombres des etudiants ayant un total >= 80	6
Number of studens having total >= 80	



**Total :** Le Total des 3 examens .  
 Si le Total est plus grand que 80 il doit apparaitre en gris;  
**Moyenne** c'est la moyenne des notes des trois matieres;  
**Resultat:** si Le Total est > 60 alors Resultat=Reussi si non resultat=Ajournee.

**Total:** The Total of 3 examinations .  
 If the Total is greater than 80 they must appear in grey;  
**Average** is determined by averaging the three subjects,  
**Result:** if The Total is > 60 then Result = Passed if not result = adjourned.