**INSTITUTO SUPERIOR TECNOLÓGICO PRIVADO CIBERTEC**

**DIRECCIÓN ACADÉMICA**

**CARRERA PROFESIONALES**

**CURSO :** Lenguaje de Programación I

### NOTA

**PROFESOR :**

**SEMESTRE :** 2018

**CICLO :** Tercero

**SECCIÓN :**

**FECHA :**

**DURACIÓN :** 50 minutos

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| **ALUMNO (A) :** |

**PRIMERA EVALUACIÓN DE LABORATORIO**

**Consideraciones generales:**

* Considerar el orden, la limpieza y la claridad de las respuestas.
* NO está permitido el uso o consulta de cuadernos, separatas, libros o cualquier material de la asignatura durante el desarrollo de la evaluación.

**Consolidado**

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| **Pregunta** | **Puntaje** | | **Llenar solo en caso de Recalificación justificada** | |
| **Máximo** | **Obtenido** | **Sustento** | **Puntaje** |
| **1** | **3** |  |  |  |
| **2** | **3** |  |  |  |
| **3** | **6** |  |  |  |
| **4** | **6** |  |  |  |
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| **Nota Recalificada** | | | |  |

## Pregunta 1:

Dado el siguiente código, imprima la(s) salida(s):

**public** **class** Pregunta01 {

**public** **static** **void** main(String[] args) {

**try**{

**new** Pregunta01().metodo1();

System.*out*.println("Bloque Main");

}**catch**(ArithmeticException e){

System.*out*.println("Generó Arithmetic");

}**catch**(Exception e){

System.*out*.println("Genera Exception");

}**finally**{

System.*out*.println("Finally");}}

**void** metodo1(){

**try** {

metodo2();

} **catch** (Exception e) {

System.*out*.println("Capturado en el método 1"); }

}

**void** metodo2(){

String lista=null;

String nom=lista.charAt(0);

System.*out*.println("Nombre "+nom);}

}

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## Pregunta 2:

Dado el siguiente código, imprima la(s) salida(s):

**public** **class** Pregunta03 {

**public** **static** **void** main(String[] args) {

String str4="Programa";

StringBuffer str2 = **new** StringBuffer("CIBERTEC");

String str3 = **new** String(str2);

StringBuffer str1 = **new** StringBuffer(str2);

str4+="JAVA".toLowerCase();

**if** (str3.equals(str4))

System.*out*.println("Java 4.0");

**if** (str2.equals(str3))

System.*out*.println("Java 5.0");

**if** (str1==str2)

System.*out*.println("Java 6.0");

**if** (str4.equals(str1))

System.*out*.println("Java 7.0 - En camino");

System.*out*.println("JDK");

}

}

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## Pregunta 3:

Dado el siguiente formulario:



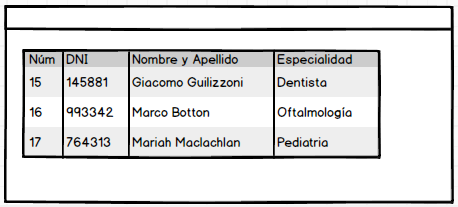
Realiza el proceso de validación al pulsar el botón **Enviar**, mostrando los mensajes correspondientes de acuerdo a los siguientes formatos usando expresiones regulares:

* Para el código: Primera letra i (minúscula o mayúscula) seguido de 9 números como máximo.
* Para el Nombre y Apellidos: solo letras, mayúsculas o minúsculas, debe tener mínimo 3 caracteres hasta un máximo de 50.
* Para el Correo: Debe ser de formato email.

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## Pregunta 4:

Dado el siguiente formulario y el ArrayList de tipo Paciente



Realiza la clase hilo que permita mostrar cada segundo el contenido del ArrayList en la tabla del formulario.

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## Pregunta 5:

Cumple con el desarrollo de los casos experimentar de las semanas 02 y 03

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| **Rúbrica** | | | |
| **Pregunta** | **Excelente** | **Bueno** | **Deficiente** |
| **1** | Escribe correctamente el resultado (3p) | Escribe parcialmente el resultado (1p) | No escribe el resultado |
| **2** | Escribe correctamente el resultado (3p) | Escribe parcialmente el resultado (1p) | No escribe el resultado |
| **3** | Desarrolla correctamente las validaciones usando expresiones regulares (6p) | Desarrolla parcialmente (3p) | No programa |
| **4** | Desarrolla correctamente la solución (6p) | Desarrolla parcialmente la solución (3p) | No programa |
| **5** | Cumple con el desarrollo de los casos experimentar de las semanas 02 y 03 (2p) . | Cumple con el desarrollo de los casos experimentar de la semana 02 o 03 (1p) | No Cumple con el desarrollo de los casos |