



# Universidade Federal de Santa Catarina

Departamento de Informática e Estatística (INE)

Disciplina: Programação Para Web (INE5646)

Professor Wyllian Bezerra da Silva

Prova 1 – Valor: 10 pontos

Discente: \_\_\_\_\_ Turma: \_\_\_\_\_ Matrícula: \_\_\_\_\_

1. [1,00] Lorem ipsum dolor sit amet, consectetur adipiscing elit.

```
1 # Python 3
2 def ackermann(m, n):
3     if m == 0:
4         return n + 1
5     elif m > 0 and n == 0:
6         return ackermann(m - 1, 1)
7     elif m > 0 and n > 0:
8         return ackermann(m - 1, ackermann(m, n - 1))
9
10 print(ackermann(3, 4))
```

☐ V. ☐ F.

2. [1,00] Lorem ipsum dolor sit amet, consectetur adipiscing elit. JavaScript code:

- ☐ A. `alert("Bem-vindo à página!");`;
- ☐ B. `document.getElementById("meuElemento").innerHTML = "Conteúdo alterado!";`;
- ☐ C. `console.log("Isso é uma mensagem no console!");`;
- ☐ D. `document.body.style.backgroundColor = "lightblue";`;
- ☐ E. `window.location.href = "https://www.exemplo.com";`;

3. [1,00] Lorem ipsum dolor sit amet, consectetur adipiscing elit. Python 3 code:

- ☐ A. `print("Olá, Mundo!")`;
- ☐ B. `print(5 + 3)`;
- ☐ C. `lista = [1, 2, 3, 4, 5]; print(lista)`;
- ☐ D. `print("Par" if 4 % 2 == 0 else "Ímpar")`;
- ☐ E. `print(max(10, 20))`;

4. [1,00] Lorem ipsum dolor sit amet, consectetur adipiscing elit.

- ☐ A. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- ☐ B. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- ☐ C. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- ☐ D. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- ☐ E. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

5. [1,00] Lorem ipsum dolor sit amet, consectetur adipiscing elit.

- ☐ A. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- ☐ B. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- ☐ C. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- ☐ D. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- ☐ E. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

6. [1,00] Lorem ipsum dolor sit amet, consectetur adipiscing elit.

```
1 // CSS
2 body {
3     background-color: #f0f0f0;
4     color: #333;
5 }
6
7 h1 {
8     font-size: 24px;
9     color: blue;
10 }
```

☐ V. ☐ F.

7. [1,00] Lorem ipsum dolor sit amet, consectetur adipiscing elit. CSS code:

- ☐ A. `body { font-family: Arial, sans-serif; background-color: #f4f4f4; margin: 0; padding: 0; } h1 { color: #333; text-align: center; };`
- ☐ B. `button { background-color: #4CAF50; color: white; padding: 10px 20px; border: none; cursor: pointer; border-radius: 5px; };`
- ☐ C. `a { color: #007BFF; text-decoration: none; } a:hover { color: #0056b3; };`
- ☐ D. `.center-text { text-align: center; margin: 20px; };`
- ☐ E. `footer { background-color: #333; color: white; text-align: center; padding: 10px; position: fixed; width: 100%; bottom: 0; };`

8. [1,00] Lorem ipsum dolor sit amet, consectetur adipiscing elit. HTML code:

```
1 <!-- HTML -->
2 <!DOCTYPE html>
3 <html>
4 <head>
5     <title>Exemplo</title>
6 </head>
7 <body>
8     <h1>Olá, Mundo!</h1>
9     <p>Exemplo de código HTML.</p>
10 </body>
11 </html>
```

☐ V. ☐ F.

9. [1,00] Lorem ipsum dolor sit amet, consectetur adipiscing elit.

- ☐ A. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- ☐ B. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- ☐ C. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- ☐ D. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- ☐ E. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

10. [1,00] Lorem ipsum dolor sit amet, consectetur adipiscing elit.

```
1 // JavaScript
2 function ackermann(m, n) {
3     if (m === 0) {
4         return n + 1;
5     } else if (m > 0 && n === 0) {
6         return ackermann(m - 1, 1);
7     } else if (m > 0 && n > 0) {
8         return ackermann(m - 1, ackermann(m, n - 1));
9     }
10 }
11
12 console.log(ackermann(3, 4));
```

☐ V. ☐ F.

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

7 \_\_\_\_\_

8 \_\_\_\_\_