**LISTA – GRAFOS**

**1-**

1. **GRAFO**
2. **G(a) = 2, G(b) = 2, G(c) = 4, G(d) = 2, G(e) = 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **A** | **B** | **C** | **D** | **E** |
| **A** | **0** | **1** | **1** | **0** | **0** |
| **B** | **1** | **0** | **1** | **0** | **0** |
| **C** | **1** | **1** | **0** | **1** | **1** |
| **D** | **0** | **0** | **1** | **0** | **1** |
| **E** | **0** | **0** | **1** | **1** | **0** |

**2-**

1. **DIGRAFO**
2. **Entrada:**

**G(a) = 0, G(b) = 1, G(c) = 2, G(d) = 2, G(e) = 1;**

**Saída:**

**G(a) = 2, G(b) = 2, G(c) = 2, G(d) = 0, G(e) = 0;**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **A** | **B** | **C** | **D** | **E** |
| **A** | **0** | **0** | **0** | **0** | **0** |
| **B** | **1** | **0** | **0** | **0** | **0** |
| **C** | **1** | **1** | **0** | **0** | **0** |
| **D** | **0** | **1** | **1** | **0** | **0** |
| **E** | **0** | **0** | **1** | **0** | **0** |

**3-**

1. **GRAFO**
2. **G(a) = 2, G(b) = 3, G(c) = 1, G(d) = 2, G(e) = 2;**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **A** | **B** | **C** | **D** | **E** |
| **A** | **0** | **1** | **0** | **1** | **0** |
| **B** | **1** | **0** | **1** | **0** | **1** |
| **C** | **0** | **1** | **0** | **0** | **0** |
| **D** | **1** | **0** | **0** | **0** | **1** |
| **E** | **0** | **1** | **0** | **1** | **0** |