**Assignment 7**

**R-2.19**

h(12)= 7 h(44)= 5 h(13)=9 h(88)= 5 h(23)= 7 h(94)= 6 h(11)=6

h(39)= 6 h(20)=1 h(16)= 4 h(5)=4

0 1 2 3 4 5 6 7 8 9 10

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Ø |  | Ø | Ø |  |  |  |  | Ø |  | Ø |

20 16 44 49 12 13

5 88 39 23 11

**R-2.20**

0 1 2 3 4 5 6 7 8 9 10

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | 39 | 20 | 5 | 16 | 44 | 88 | 12 | 23 | 13 | 94 |

**R-2.21**

0 1 2 3 4 5 6 7 8 9 10

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 20 | 16 | 11 | 39 | 44 | 88 | 12 | 23 | 13 | 94 |

**R-2.22**

h’(12)= 2 h’(44)= 2 h’(13)= 2 h’(88)= 2 h’(23)= 2 h’(94)= 2

h’(11)= 3 h’(39)= 3 h’(20)=1 h’(16)=5 h’(5)= 2

0 1 2 3 4 5 6 7 8 9 10

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | 23 | 20 | 16 | 39 | 44 | 94 | 12 | 88 | 13 | 5 |