**Lesson 7**

**1. Calculate following limits of functions:**

|  |  |
| --- | --- |
| a) |  |
| b) |  |
| c) |  |
| d) |  |
| e) |  |
| f) |  |
| g) |  |
| h) |  |
| i) |  |
| j) |  |
| k) |  |
| l) |  |
| m) |  |
| n) |  |
| o) |  |
| p) |  |
| q) |  |
| r) |  |
| s) |  |
| t) |  |
| u) |  |

2. Calculate limits using the l’Hospital rule:

|  |  |
| --- | --- |
| a) |  |
| b) |  |
| c) |  |
| d) |  |