|  |  |  |  |
| --- | --- | --- | --- |
| 1 | B |  |  |
| 2 | A |  |  |
| 3 | A |  |  |
| 4 | D |  |  |
| 5 | C |  |  |
| 6 | A |  |  |
| 7 | E |  |  |
| 8 | A |  |  |
| 9 | B |  |  |
| 10 | B |  |  |
| 11 | a | i | Period T=4divisions x0.001=0.004s |
| 12 |  | ii |  |
|  |  | iii |  |
| 13 | a | i |  |
|  |  | ii |  |
| 14 | a |  |  |
|  | b |  |  |
| 14 | a | i |  |
|  |  | ii | The addition of z in parallel causes the combines resistance to fall thus having a smaller share of the supply voltage than before |
|  |  | iii |  |