1. Is there a significant increase in knowledge as a result of the training?

| **Paired Samples Statistics** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | | Mean | N | Std. Deviation | Std. Error Mean |
| Pair 1 | Level of Knowledge AfterTraining | 40.22 | 60 | 5.195 | .671 |
| Certification Exam | 69.65 | 60 | 10.667 | 1.377 |

| **Paired Samples Correlations** | | | | |
| --- | --- | --- | --- | --- |
|  | | N | Correlation | Sig. |
| Pair 1 | Level of Knowledge AfterTraining & Certification Exam | 60 | .404 | .001 |

| **Paired Samples Test** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
| Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| Pair 1 | Level of Knowledge AfterTraining - Certification Exam | -29.433 | 9.797 | 1.265 | -31.964 | -26.903 | -23.272 | 59 | .000 |