Exercise

# IASSC Black Belt Body of Knowledge

Identify whether each of these topics are part of the Black Belt Body of Knowledge and which Lean Six Sigma phase it is associated with.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Define Phase | Measure Phase | AnalyzePhase | ImprovePhase | Control Phase | Not part of BOK | Topic or Tool |
|  |  |  |  |  |  | 1. | History of Six Sigma |
|  |  |  |  |  |  | 2. | History of Lean |
|  |  |  |  |  |  | 3. | History of IASSC |
|  |  |  |  |  |  | 4. | SIPOC |
|  |  |  |  |  |  | 5. | Capability Analysis |
|  |  |  |  |  |  | 6. | Hypothesis Testing with Non-normal Data |
|  |  |  |  |  |  | 7. | Statistical Process Control |
|  |  |  |  |  |  | 8. | Basic Statistics  |
|  |  |  |  |  |  | 9. | Fractional Factorial Experiments |
|  |  |  |  |  |  | 10. | Regression Analysis |
|  |  |  |  |  |  | 11. | Poka Yoke |
|  |  |  |  |  |  | 12. | Classes of Distributions |
|  |  |  |  |  |  | 13.  | Inferential Statistics |
|  |  |  |  |  |  | 14. | Normal Distribution |
|  |  |  |  |  |  | 15. | Design of Experiments |
|  |  |  |  |  |  | 16. | Critical to Quality |
|  |  |  |  |  |  | 17. | Elements of the Control Plan |
|  |  |  |  |  |  | 18. | Y=f(x) |
|  |  |  |  |  |  | 19. | Value Stream Map |
|  |  |  |  |  |  | 20. | Hypothesis Testing with Normal Data |