

|  | average demand for a month is 1400 units \& standard deviation for demand is 208.0. <br> For a 99\% on time delivery the acceptable value for one sided test(Z score= 2.33). <br> Also calculate the number of kanban required when the kanban container size is 50 <br> units. |  |  |
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| Q 9 | Discuss the various diagnostics tools used for Lean strategy implementation? | $\mathbf{1 0}$ | $\mathbf{C O 2}$ |
| Q 10 | Discuss \& compare lean principles with TPS principles? | $\mathbf{1 0}$ | $\mathbf{C O 2}$ |
| Q 11 | Define (a) little's law (b) model mix leveling? | $\mathbf{1 0}$ | $\mathbf{C O 3}$ |
| 1. In this section there are two questions attempt any question <br> 2. Each question carries equal weightage | $\mathbf{2 0}$ | $\mathbf{C O} 3$ |  |
|  | The article "Lean service machine" explains the various stages of redesigning of <br> cell's <br> work flow? Explain each? | OR <br> Q 12 | The article "Read a Plant Fast" discuss about how to analyze the leanness of a plant? <br> Explain the method of its analysis |

