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QUESTION 1

The Japanese born function of a Kanban event utilizes a specific, step-by-step approach meant to bring about major changes to a process.

A. True

B. False

Correct Answer: B

QUESTION 2

Screening experiments are the proper choice when a Belt is faced with the situation of highly Fractional Factorial Designs.

A. True

B. False

Correct Answer: A

QUESTION 3

A Non-parametric Test should be used if just one distribution is not Normal out of the two or more gathered.

A. True

B. False

Correct Answer: A

QUESTION 4

Following the completion of a LSS project the Belt not only creates a Control Plan he also develops a _____ so those involved in the process know what to do when the critical metrics move out of spec.

A. Response Plan

B. Call List

C. Chain-of-Command

D. Defect Analysis Plan

Correct Answer: A

QUESTION 5

Which statement(s) are incorrect for the Regression Analysis shown here? (Note: There are 2 correct answers).

```
Regression Analysis: Turbine Output versus Air-Fuel Ratio, % steam, ...
The Regression Equation is
TurbineOutput = 16.5 + 3.21 Air-Fuel Ratio + 0.386 % methane
                + 0.0166 SteamExitTemp

Predictor          Coef    SE Coef      T       P
Constant         16.488     2.918     5.65   0.000
Air-Fuel Ratio    3.2148    0.2377   13.52   0.000
% methane         0.38637   0.07278   5.31   0.000
SteamExitTemp     0.016576  0.004273  3.88   0.004

S = 0.508616    R-Sq = 98.6%    R-Sq(adj) = 98.2%
Analysis of Variance
Source           DF        SS      MS       F       P
Regression        3   170.003  56.668  219.06  0.000
Residual Error    9     2.328   0.259
Total            12   172.331

Source           DF    Seq SS
Air-Fuel Ratio    1   159.048
% methane         1     7.062
SteamExitTemp     1     3.892
```

A. The air-fuel ratio explains most of the TurbineOutput variation

B. The Regression explains over 98% of the process variation

C. This Multiple Linear Regression has three statistically significant independent variables

D. If the air-fuel ratio increases by 1, the TurbineOutput more than triples

E. The SteamExitTemp explains the most variation of the TurbineOutput

Correct Answer: DE

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