CLSSBB^{Q&As}

Certified Lean Six Sigma Black Belt (CLSSBB)

Pass GAQM CLSSBB Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.geekcert.com/clssbb.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by GAQM Official Exam Center

🛠 **Instant Download** After Purchase

🛠 **100% Money Back** Guarantee

🛠 **365 Days** Free Update

🛠 **800,000+** Satisfied Customers

QUESTION 1

_____ helps to understand Process behavior for parametric distribution?

A. Median

B. Range

C. Variance

D. Mode

Correct Answer: D

QUESTION 2

At a particular time, three components are in parallel and each has a reliability of 0.98. What is the reliability of the system?

A. 0.98

B. 0.94

C. 0.37

D. 0.26

E. none of the above

Correct Answer: E

QUESTION 3

The preferred method for determining statistically whether factor A or B is significant requires what additional information?

Run #	A	B	Ave. Response
1	−	−	129
2	−	+	133
3	+	−	86
4	+	+	80

A. value of noise factors

B. values of responses in replicate runs

C. number of repetitions

D. ambient conditions during the experiment

E. blocking pattern

Correct Answer: B

QUESTION 4

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, % stream, ...

```
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      0.004
StreamExitTemp     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        P         F
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

QUESTION 5

A process shows the following number of defects. Each sample size for this process is

85. 3 8 2 7 7 6 8 8 9 5

What control chart should be used?

A. x-bar and R

B. median

C. individual and moving range

D. p

E. np

F. c

G. u

H. none of the above

Correct Answer: F