

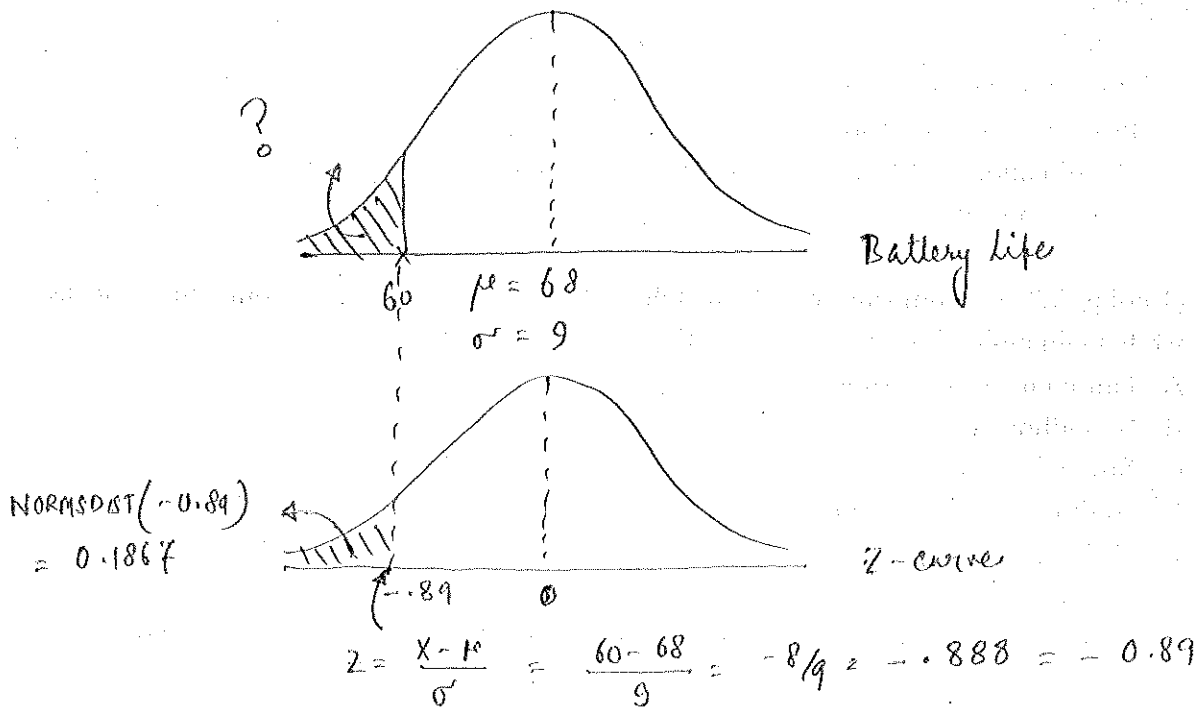
Student Name: KEY → Assignment # 2

Please TICK/CHECK/CIRCLE the correct answer for questions 1 through 5

1. (1 point) B means doing the right things to create the most value for the company.  
A. Efficiency      B. Effectiveness      C. Value      D. Productivity  
E. None of these
2. (1 point) In the context of the book "operations" refers to  
A. Activities that take place in a hospital → too narrow scope  
B. How materials and services are moved → logistics, a part of operations  
C. Processes that transform resources  
D. Coordination of the movement of strategic material → precursor to successful operations  
E. None of the above
3. (1 point) When a company seeks to match the benefits of a successful competitor position while maintaining its existing competitive position is called:  
A. Fair competitive response  
B. Straddling  
C. Strategic fitting  
D. Activity-system mapping  
E. Order Winning
4. (1 point) The mode of transportation that would probably best suited for transporting coal is  
A. Air      B. Trucks      C. Water      D. Rail      E. Options C and D
5. (1 point) Which of the following is true about JIT systems?  
A. The JIT system is based on the philosophy of eliminating waste and utilizing the full capability of the worker.  
B. Under JIT, the ideal lot size is one.  
C. JIT is typically applied to repetitive manufacturing  
D. All of above statements are true.

6. (4 points) This question tests your prior knowledge of using z-statistics. You will find this practice beneficial for problems of a similar approach that you will encounter in your exams. Please read the problem carefully before answering. PLEASE SHOW YOUR COMPLETE WORK TO RECEIVE CREDIT (I shall credit you on the basis of the work produced):

Suppose that testing for "battery life" results in outcomes that are approximately normally distributed with a mean of 68 and a standard deviation of 9 seconds. If any time less than 60 seconds is deemed defective, what is the probability of defect in the process?



Therefore, there is an 18.67% chance of defect in the process.

Thank you for your attendance (1 point)!!!