

Scantron Performance Series/Global Scholar Practice Quiz – 8 Points

Read each question carefully and select the correct answer.

1. The cost to rent a bicycle is \$20.00 plus \$2.65 per hour that the bicycle is checked out. What is the minimum number of hours a bicycle can be rented if a tourist can spend more than \$37.00 but less than \$65.00 on the rental? Round your answer to the nearest whole hour that satisfies the inequality.
 - A. 6 hours
 - B. 17 hours
 - C. 16 hours
 - D. 7 hours

2. A fishing resort charges \$25.00 per day for a boat plus \$5.95 per fish caught. What is the minimum number of fish that Jimmy caught in a day if he spent at least \$50.00 and at most \$80.00 during one day-long fishing trip?
 - A. 4 fish
 - B. 10 fish
 - C. 9 fish
 - D. 5 fish

3. The cost to have Internet access with Lightening Communications Company is \$9.95 per month plus \$2.50 per hour that a customer is connected to the Internet. What is the minimum number of hours that a customer can access the Internet in a month if her budget allows her to spend more than \$23.50 but less than \$27.50 per month on Internet access? Round your answer to the nearest whole hour that satisfies the inequality.
 - A. 6 hours
 - B. 7 hours
 - C. 5 hours
 - D. 8 hours

4. The cost to visit a carnival is \$10.00 for admission plus \$0.75 per ride. What is the maximum number of rides that Anita can ride if she is allowed to spend at least \$22.50 and at most \$30.00 on admission and rides?
 - A. 17 rides
 - B. 26 rides
 - C. 16 rides
 - D. 27 rides

5. The cost to rent a backhoe is \$24.00 for the first 4 hours and \$5.40 per hour for each additional hour. What is the maximum number of hours Alex can rent a backhoe if his budget allows him to spend at least \$30.00 and at most \$45.00 on the rental? Round your answer to the nearest whole hour that satisfies the inequality.
- A. 5 hours
 - B. 8 hours
 - C. 7 hours
 - D. 4 hours
6. A motel charges \$69.95 each night for two adults plus \$10.95 for each additional person. What is the maximum number of children a mother and father can bring on vacation if their budget allows them to spend more than \$100.00 but less than \$125.00 per night on a motel room?
- A. 2 children
 - B. 5 children
 - C. 3 children
 - D. 6 children
7. The cost to park a vehicle in a public parking lot downtown is \$5.00 for up to one hour plus \$3.25 per hour after the first hour. What is the maximum number of hours a business person can park in the public lot if his company will reimburse him at least \$5.00 and at most \$25.00 a day to park? Round your answer to the nearest whole hour that satisfies the inequality.
- A. 6 hours
 - B. 7 hours
 - C. 1 hour
 - D. 0 hours
8. The cost to run a sewer pipe from the center of the street to the center of a new house is \$525.00 plus \$12.75 per foot of pipe. What is the maximum number of feet a house can be located from the center of the street if a builder can spend more than \$1,000.00 but less than \$2,000.00 on the sewer pipe installation? Round your answer to the nearest whole foot that satisfies the inequality.
- A. 37 feet
 - B. 116 feet
 - C. 38 feet
 - D. 115 feet