



Handling Systems Assessment Answer Key

Name: _____

Date: _____

1. The carrying surface of a horizontal conveyor belt is supported by the
 - A. edge rails
 - B. pulleys
 - C. *bed*
2. Roller conveyors may be powered by
 - A. gravity
 - B. belt or chain drive
 - C. *gravity, or belt, or chain drive*
3. Product backup on a belt driven roller conveyor will usually
 - A. cause the product to fall off the conveyor
 - B. *cause the product to accumulate on the conveyor*
 - C. stop the conveyor
4. Conveyor chain plates with small rollers on top are used to
 - A. reduce friction
 - B. increase speed
 - C. *reduce back pressure*



5. Guide rings may be installed on conveyor sprockets to
 - A. prevent chain slippage
 - B. *prevent sideways creeping of the chain*
 - C. adjust the position of the conveyor chain
6. The spacing of wear strips for multiflex chains is varied to
 - A. produce a smoother movement
 - B. *evenly distribute the wear on the bottom of the chain*
 - C. prevent the chain from rising in the turns
7. Flexible connections are used between the fan and ducts to
 - A. reduce intake noise
 - B. *prevent transmission of vibration*
 - C. permit easy adjustment
8. A box is more easily conveyed on an air conveyor when it is turned with
 - A. the largest side against the guide rail
 - B. the smallest side down
 - C. *the largest side down*
9. The primary use of loops on vertical conveyor belts are to
 - A. make the belt more rigid
 - B. *hold the product more firmly*
 - C. make the belt stronger
10. Flight bars are used on include flat belt conveyors to
 - A. *keep the product from slipping*
 - B. support the belt
 - C. keep the product from falling off the side