TIPLE CHOICE. Choose the on	ne alternative that best completes the statement or answers the questi	on.
<ol> <li>Two people are balanced on seesaw, that person's end of A) stay at the same level. C) fall.</li> </ol>		1) _
C) iaii.	D) need more miormation	
	ttening Tower of Pizza tosses a spinning disk of uncooked pizza becomes wider during its flight, while its rotational speed  B) remains constant.  C) slows.	2) _
<ul><li>3) A coin and a ring roll down</li><li>A) coin.</li><li>B) ring.</li><li>C) both reach the bottom</li></ul>	an incline at the same time. The one to first reach the bottom is the	3) _
4) ml		4)
A) same either way	r leg is greater when your leg is B) bent. C) straight.	<sup>4)</sup> –
5) As a huge rotating cloud of ball, it shrinks in size and	particles in space gravitate together forming an increasingly dense	5) _
A) rotates at the same sp C) rotates slower.	peed.  B) cannot rotate.  D) rotates faster.	
6) A ring, a disk, and a solid sphere begin rolling down a hill together. Which reaches the bottom		
first?  A) sphere B) ring C) disk D) all reach the bottom a E) need more informatio		
7) A boy plays solitary seesaw	by placing the seesaw's fulcrum one-eighth the distance from where	7) _
he sits at one end. Which we		
A) they have equal weigh		
C) the boy	D) need more information	
8) A vertically-held sledge hammer is easier to balance when the heavier end is		8)

A) same either way B) on your hand.

C) at the top, away from your hand.

9) You can safely stand on the overhanging end of a heavy plank that rests on a table. How much		
overhang depends on your mass and the plank's mass. If you can stand on the end of a plank		
that overhangs the edge of the supporting table 1/4 its total length, how massive is the plank		
compared to your mass?		
A) twice		
B) 1/2		
C) 1 and 1/2 times		
D) 4 times		
E) the same		
10) As you crawl toward the edge of a large freely-rotating horizontal turntable in a carnival		
funhouse, the angular momentum of you and the turntable		
A) decreases in direct proportion to your decrease in revolutions per minute.		
B) increases.		
C) decreases.		
D) remains the same, but the revolutions per minute decrease.		
E) none of these		

Answer Key Testname: QUIZ - ROTATION

- 1) B 2) C 3) A 4) C 5) D
- 6) A 7) C 8) C 9) E 10) D