

PHY101 QUIZ(1)

Lecture: 1 to 15

RIZ MUGHAL SQA ENGINEER:

I'm providing 100% correct quiz solution.

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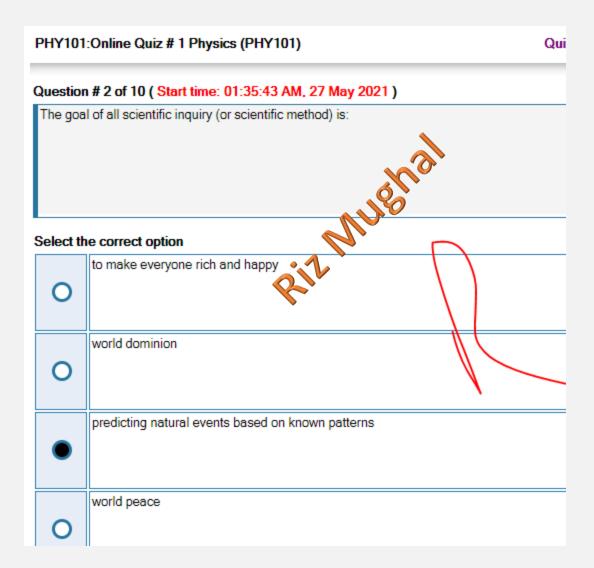
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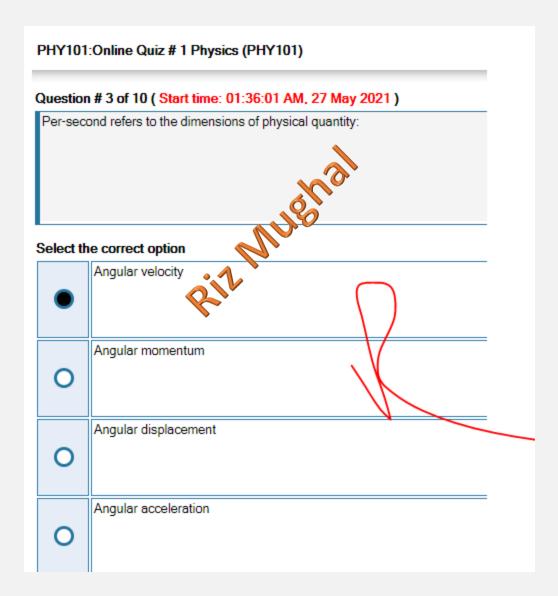
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PHY101:Online Quiz # 1 Physics (PHY101)	Quiz Start Time: 01:35 AM, 27 May 202
Question # 1 of 10 (Start time: 01:35:26 AM, 27 May 2021)	Total Marks:
When number of bodies are such that they can exert force upon one anoth said to form:	Quiz Start Time: 01:35 AM. 27 May 20: Total Marks: her and no external agency exerts a force on them, they are
Select the correct option	
An inertial frame of reference	
An isolated system	
Non-inertial frame of reference	
Non isolated system	//





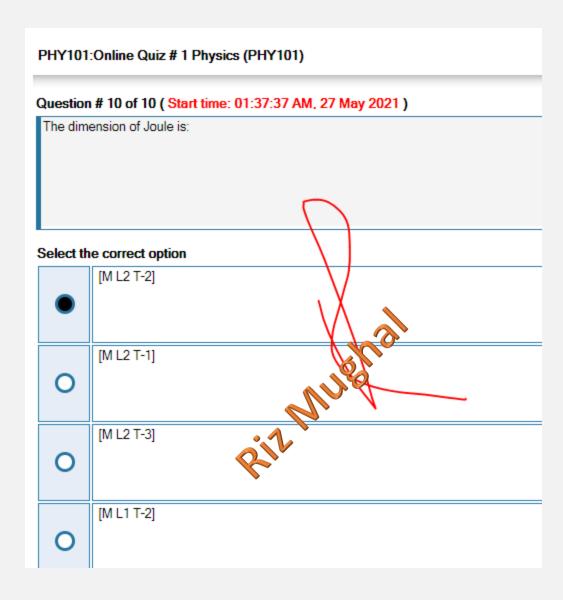
PHY10	1:Online Quiz # 1 Physics (PHY101)	
Questio	on # 4 of 10 (Start time: 01:36:14 AM, 27 May 2021)	
The un	it kg•m2/s can be used for:	
Colort	he correct ention	
Select	rotational inertia	
0		
	rotational kinetic energy	
0		
	angular momentum	
	torque	

PHIIU	1:Online Quiz # 1 Physics (PHY101) Quiz Start Time: 01	
Questio	on # 5 of 10 (Start time: 01:36:25 AM, 27 May 2021)	
The cer	It: Online Quiz # 1 Physics (PHY101) On # 5 of 10 (Start time: 01:36:25 AM, 27 May 2021) Inter of mass of Earth's atmosphere is: The correct option Inear the surface of Earth Inear the center of Earth Inear the center of Earth Inear the outer boundary of the atmosphere Inear the outer boundary of the atmosphere	
Select t	near the surface of Earth	
•	near the center of Earth	
0	a little less than halfways between Earth's surface and the outer boundary of the atmosphere	
0	near the outer boundary of the atmosphere	

PHY101	I:Online Quiz # 1 Physics (PHY101) In # 6 of 10 (Start time: 01:36:38 AM, 27 May 2021) ay be done by	
Question	n # 6 of 10 (Start time: 01:36:38 AM, 27 May 2021)	
Work m	ay be done by	
Select th	ne correct option	
	only non-living objects	
0		
	both living organisms and non-living objects	
0		
	only vehicles	

PHY10	1:Online Quiz # 1 Physics (PHY101)	
Questio	n # 8 of 10 (Start time: 01:37:05 AM, 27 May 2021)	
Whene	I:Online Quiz # 1 Physics (PHY101) In # 8 of 10 (Start time: 01:37:05 AM, 27 May 2021) Iver an object strikes a stationary object of equal mass: The correct option Ithe first object must stop Ithe two objects cannot stick together Ithe collision must be elastic In one of these	
Select t	he correct option	
0	the first object must stop	
0	the two objects cannot stick together	
0	the collision must be elastic	
•	none of these	
	JI.	

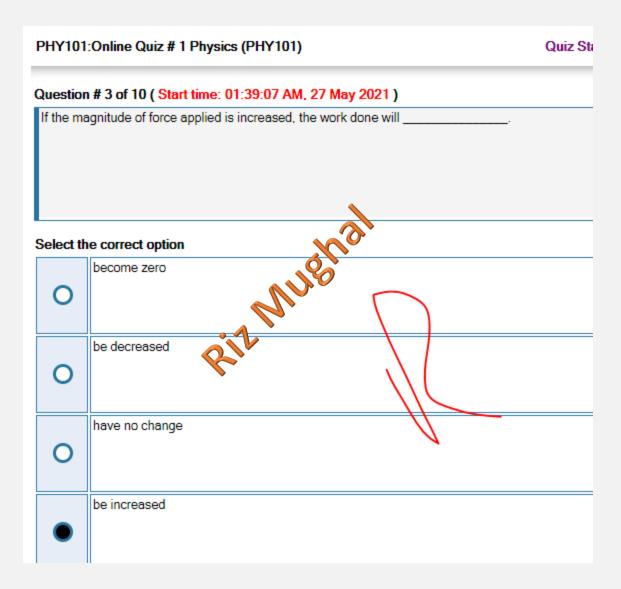
IY101	1:Online Quiz # 1 Physics (PHY101)	Quiz Start Time: 01:35 AM, 27 May 20:
estio	n # 9 of 10 (Start time: 01:37:21 AM, 27 May 2021)	Total Marks
glass due to		
lect th	he correct option	
0	he correct option Newton's third law of motion	
0	acceleration	
0	lack of friction between paper and glass	
•	inertia	/.

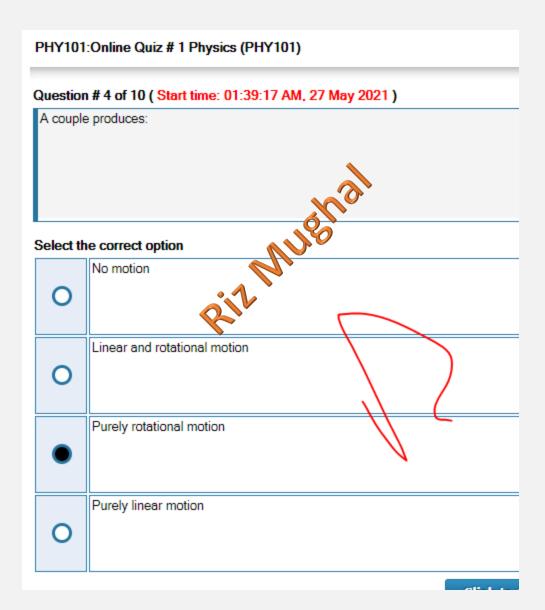


2nd account

PHY101: Online Quiz # 1 Physics (PHY101) Question # 1 of 10 (Start time: 01:38:37 AM, 27 May 2021) The slope of a velocity - time the graph at any point may be identified with: Select the correct option instantaneous velocity average acceleration or instantaneous acceleration or instantaneous acceleration	PHY101:Online Quiz # 1 Physics (PHY10	01)	
Select the correct option instantaneous acceleration average acceleration instantaneous acceleration instantaneous acceleration	Question # 1 of 10 (Start time: 01:38:37 /	AM. 27 May 2021)	
Select the correct option instantaneous velocity instantaneous acceleration average acceleration instantaneous acceleration instantaneous acceleration	The slope of a velocity - time the graph at ar	ny point may be identified with:	
instantaneous acceleration average acceleration instantaneous acceleration instantaneous acceleration	Select the correct option		
average acceleration o instantaneous acceleration instantaneous acceleration	O Installations velocity		
O average acceleration instantaneous acceleration	instantaneous acceleration		
instantaneous acceleration O	average acceleration		
	instantaneous acceleration		

PHY101:Online Quiz # 1 Physics (PHY101)	Quiz Start Time: 01:38 AM, 27 May
Question # 2 of 10 (Start time: 01:38:52 AM, 27 May 2021)	Total Ma
Ali wants to lift a mass of 7.5 kg with constant velocity by a rope that pass ceiling of room. Calculate the tension in the rope by neglecting the mass	Quiz Start Time: 01:38 AM, 27 May Total Ma ses through a frictionless pulley which is attached to the of the rope.
Select the correct option	
O 0.75 N	
O 7.5 Kg	
75 Kg	
75 N	



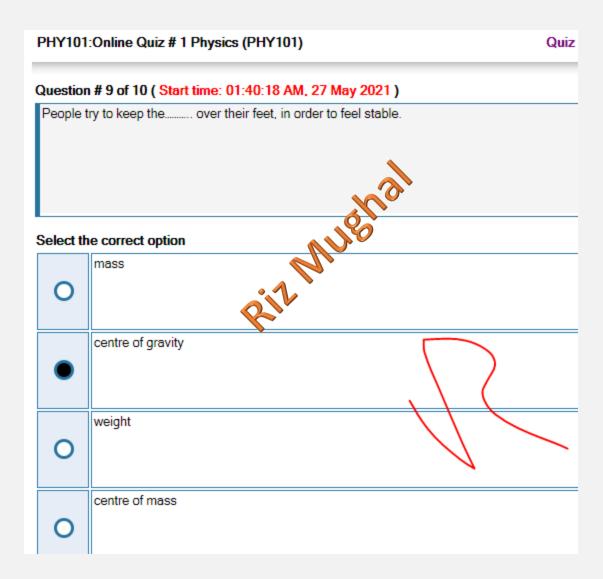


PHY10	1:Online Quiz # 1 Physics (PHY101)	Quiz Start Time: 01:38	
Questio	n # 5 of 10 (Start time: 01:39:29 AM, 27 May 2021)		
Which	of the following statements are TRUE of sound waves? Identify	val that apply.	
Select t	he correct option		
0	A sound wave is a transverse wave		
0	To hear the sound of a tuning fork, the tines of the fork must	move air from the fork to one's ear	
•	A sound wave is a mechanical wave		
0	Sound can travel through a vacuum		

PHY10	1:Online Quiz # 1 Physics (PHY101)	Quiz Start Time: 01:38 AM, 27 N	
Questio	n # 6 of 10 (Start time: 01:39:41 AM, 27 May 2021)	Total	
Add two	1:Online Quiz # 1 Physics (PHY101) n # 6 of 10 (Start time: 01:39:41 AM, 27 May 2021) o vectors of length 4 m & 5 m but their orientation is not known. The correct option 9 m Less than 1 m between 9 m and 5 between 9 m and 1 m	ne length after addition of these two vectors will be:	
Select t	he correct option		
0	9 m		
0	Less than 1 m		
0	between 9 m and 5		
•	between 9 m and 1 m		

PHY10	1:Online Quiz # 1 Physics (PHY101)	Quiz Start 1
Questio	n # 7 of 10 (Start time: 01:39:54 AM, 27 May 2021)	
Q. No. i.To cor ii.To ch iii.Estal	I:Online Quiz # 1 Physics (PHY101) In # 7 of 10 (Start time: 01:39:54 AM, 27 May 2021) 1: The application/s of dimensional analysis is/are: wert a physical quantity from one system of units to another, eck the dimensional correctness of a given equation. Ii & iii only Ii & iii only Ii & iii only Ii & iii iii only	
Soloct t	he correct antion	
0	i & iii only	
0	ii & iii only	
0	i only	
•	i, ii & iii	

PHY101:Online Quiz # 1 Physics (PHY101)	Quiz Start Time: 01:38 AM, 27	
Question # 8 of 10 (Start time: 01:40:07 AM, 27 Ma	Quiz Start Time: 01:38 AM, 27 by 2021) To rd on ot change by applying a force then the body is said to be	
If the distance between all pairs of particles of the body	do not change by applying a force then the body is said to be	
Select the correct option		
flexible		
O		
small		
0		
rigid		
large	<u> </u>	
O		



PHY101	:Online Quiz # 1 Physics (PHY101)	Quiz Start Ti
Question	n # 10 of 10 (Start time: 01:40:29 AM, 27 May 2021)	
Which s	tatement is not true for acceleration?	
Select th	ne correct option	
•	riding your bike straight down the street at a constant speed	ok o
0	riding your bike faster when you head down a hill	
0	slowing your bike ride so you can make it up a hill	
0	stopping your bike at an intersection	

3rd account

PHY10	1:Online Quiz # 1 Physics (PHY101)	Quiz Sta
Questio	n # 1 of 10 (Start time: 01:43:14 AM, 27 May 2021)	
A force	I:Online Quiz # 1 Physics (PHY101) In # 1 of 10 (Start time: 01:43:14 AM, 27 May 2021) of 100 N acts upon a body for five seconds. What will be the change in more correct option 50 NS 200 NS	mentum?
Select t	he correct option	
0	50 NS	
•	500 NS	
	200 NS	
0		
0	20 NS	

PHY101:O	nline Quiz # 1 Physics (PHY101)	
Question #	2 of 10 (Start time: 01:43:26 AM, 27 May 2021)	
Ino	bject returns to its original position if displaced slightly	
Select the c	correct option	
un	stable equilibrium	
	RIV	
dy	namic equilibrium	
0		
ro	tational equilibrium	
0		
sta	able equilibrium	
	•	

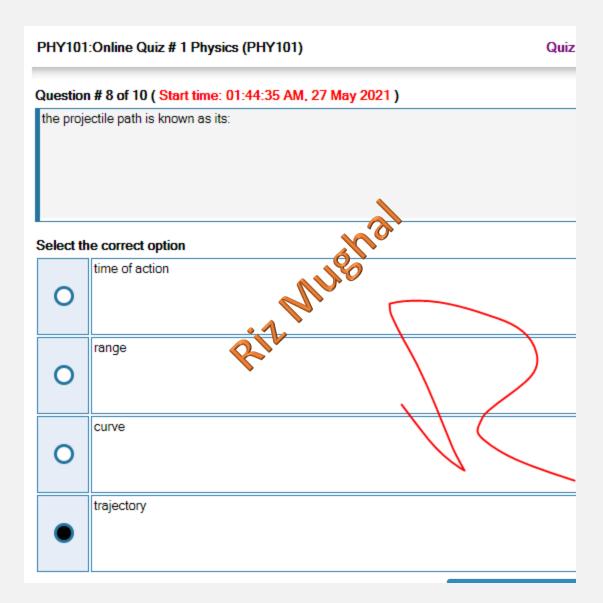
PHY10	I:Online Quiz # 1 Physics (PHY101)	Quiz Start Time: U
Questio	n # 3 of 10 (Start time: 01:43:38 AM, 27 May 2021)	
r or an	object in equilibrium the net torque acting on it valushes only if ea	Quiz Start Time: 0 ach torque is calculated about:
Select t	he correct option	
0	the center of gravity	
•	the same point	
0	the center of mass	
0	the geometrical center	

PHY10	1:Online Quiz # 1 Physics (PHY101)	
Questio	on # 4 of 10 (Start time: 01:43:50 AM, 27 May 2021)	
The sca	1:Online Quiz # 1 Physics (PHY101) In # 4 of 10 (Start time: 01:43:50 AM, 27 May 2021) In a correct option Parallel Anti-parallel Perpendicular	
Select t	he correct option	
•	Faidilei	
0	Anti-parallel Anti-parallel	
0	Perpendicular	
0	Null	

PHY10	1:Online Quiz # 1 Physics (PHY101)	Quiz Start Time: 01:4: apply. ir from the folk to one's ear
Questio	n # 5 of 10 (Start time: 01:43:59 AM, 27 May 2021)	
Which	of the following statements are TRUE of sound waves? Identify all tha	apply.
Select t	he correct option	
	A sound wave is a mechanical wave	
	211	
	To hear the sound of a tuning fork, the tines of the fork must move a	ir from the fork to one's ear
	Sound can travel through a vacuum	
0		
	A sound wave is a transverse wave	
0		

111110	:Online Quiz # 1 Physics (PHY101)	Quiz Start Time
Questio	a # 6 of 10 (Start time: 01:44:12 AM, 27 May 2021)	Quiz Start Tim aily rotation, is directed:
The ang	ular momentum vector of Earth about its rotation axis, due to its of	aily rotation, is directed:
Select t	te correct option	
	tangent to the equator toward the east	
	north	
	•	\ \ (
	tangent to the equator toward the west	
0		
	south	
0		

PHY101	:Online Quiz # 1 Physics (PHY101)	
Question	n # 7 of 10 (Start time: 01:44:22 AM, 27 May 2021)	
Swimmi	ng becomes possible because of:	
Select th	Third law of motion	
	Third law of motion	
0	:Online Quiz # 1 Physics (PHY101) # 7 of 10 (Start time: 01:44:22 AM, 27 May 2021) ng becomes possible because of: Re correct option Third law of motion Law of torque Second law of motion	
	Second law of motion	
0		
	First law of motion	
0	That law of motion	



PHY10	1:Online Quiz # 1 Physics (PHY101)	Quiz Start Time: 01:43 AM, 27 N
_	n # 10 of 10 (Start time: 01:44:57 AM, 27 May 2021)	Total
A man,	with his arms at his sides, is spinning on a light frictionless turntable.	When he extends his arms:
Select t	he correct option	
0	he correct option his angular velocity remains the same	
0	his angular velocity increases	
•	his angular momentum remains the same	
0	his rotational inertia decreases	

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